

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011019.D
 Acq On : 27 Jul 2017 20:12
 Operator : SJ/JU
 Sample : I4432-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Manual Integrations
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Sohil
 7/28/2017 4:45:01 PM

Quant Time: Jul 28 03:47:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	204124	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	829375	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	511848	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1190930	20.00	ng	0.00
75) Chrysene-d12	21.03	240	1467451	20.00	ng	0.00
86) Perylene-d12	23.13	264	1356248	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	782722	64.82	ng	0.00
7) Phenol-d6	6.59	99	745074	43.43	ng	0.00
23) Nitrobenzene-d5	8.54	82	2026936	91.72	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1042807	127.11	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	3869428	94.81	ng	0.00
78) Terphenyl-d14	19.47	244	5834058	78.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	91841	16.940	ng	# 100
3) Pyridine	3.41	79	180144	12.164	ng	# 90
4) n-Nitrosodimethylamine	3.33	42	141651	18.770	ng	# 70
6) Aniline	6.73	93	530027	24.512	ng	# 90
8) 2-Chlorophenol	6.96	128	440140	35.902	ng	# 84
9) Benzaldehyde	6.55	77	236206	21.278	ng	# 83
10) Phenol	6.61	94	306567	16.451	ng	# 96
11) bis(2-Chloroethyl)ether	6.84	93	641029	44.149	ng	# 94
12) 1,3-Dichlorobenzene	7.27	146	497274	33.283	ng	# 81
13) 1,4-Dichlorobenzene	7.42	146	516000	33.693	ng	# 91
14) 1,2-Dichlorobenzene	7.73	146	498847	34.068	ng	# 89
15) Benzyl Alcohol	7.63	79	481045	29.228	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	7.93	45	578322	44.263	ng	# 74
17) 2-Methylphenol	7.84	107	407527	34.218	ng	# 78
18) Hexachloroethane	8.45	117	204618	30.637	ng	# 85
19) n-Nitroso-di-n-propylamine	8.20	70	647889	44.439	ng	# 91
20) 3+4-Methylphenols	8.16	107	485867	29.348	ng	# 85
22) Acetophenone	8.20	105	1075595	43.264	ng	# 95
24) Nitrobenzene	8.58	77	985602	43.042	ng	# 91
25) Isophorone	9.10	82	1601649	43.470	ng	# 84
26) 2-Nitrophenol	9.27	139	298499	40.968	ng	# 24
27) 2,4-Dimethylphenol	9.35	122	513932	40.068	ng	# 70
28) bis(2-Chloroethoxy)methane	9.59	93	936309	45.563	ng	# 98
29) 2,4-Dichlorophenol	9.80	162	568042	39.412	ng	# 95
30) 1,2,4-Trichlorobenzene	10.02	180	633002	35.520	ng	# 98
31) Naphthalene	10.20	128	1602975	38.419	ng	# 99
32) Benzoic acid	9.45	122	101872	9.881	ng	# 55
33) 4-Chloroaniline	10.32	127	366474	22.018	ng	# 76
34) Hexachlorobutadiene	10.49	225	436335	31.087	ng	# 95
35) Caprolactam	11.11	113	22169m	5.424	ng	#
36) 4-Chloro-3-methylphenol	11.45	107	639372	34.355	ng	# 73
37) 2-Methylnaphthalene	11.82	142	1261557	41.159	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	899246	40.892	ng	# 100
40) Hexachlorocyclopentadiene	12.19	237	1165244	90.937	ng	# 99

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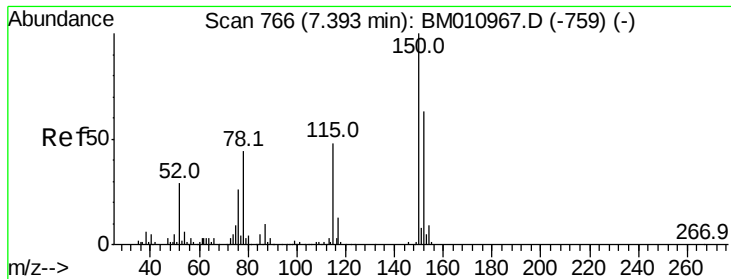
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	565453	42.483	nq	97
43) 2,4,5-Trichlorophenol	12.53	196	574739	41.925	nq #	89
45) 1,1'-Biphenyl	12.87	154	1798603	40.639	nq	97
46) 2-Chloronaphthalene	12.90	162	1416088	43.426	nq #	90
47) 2-Nitroaniline	13.12	65	528016	45.770	nq #	65
48) Acenaphthylene	13.76	152	2108878	43.334	nq	100
49) Dimethylphthalate	13.52	163	1965946	44.899	nq #	99
50) 2,6-Dinitrotoluene	13.64	165	387331	43.744	nq #	62
51) Acenaphthene	14.11	154	1298908	43.106	nq	99
52) 3-Nitroaniline	13.97	138	282311	36.742	nq #	37
53) 2,4-Dinitrophenol	14.17	184	496272	78.864	nq #	87
54) Dibenzofuran	14.45	168	2253775	46.161	nq #	90
55) 4-Nitrophenol	14.29	139	190265	28.184	nq	96
56) 2,4-Dinitrotoluene	14.43	165	534306	42.984	nq #	93
57) Fluorene	15.10	166	1810752	42.596	nq	96
58) 2,3,4,6-Tetrachlorophenol	14.69	232	578267	45.003	nq #	100
59) Diethylphthalate	14.90	149	1819075	40.679	nq	99
60) 4-Chlorophenyl-phenylether	15.11	204	1092592	42.570	nq	97
61) 4-Nitroaniline	15.14	138	328118	40.204	nq #	1
62) Azobenzene	15.40	77	2225407	46.499	nq	89
64) 4,6-Dinitro-2-methylphenol	15.20	198	327125	40.574	nq	95
65) n-Nitrosodiphenylamine	15.33	169	1537924	45.123	nq	98
66) 4-Bromophenyl-phenylether	16.00	248	704961	46.046	nq #	88
67) Hexachlorobenzene	16.11	284	729711	42.179	nq #	85
68) Atrazine	16.30	200	618680	45.297	nq	95
69) Pentachlorophenol	16.46	266	899155	81.865	nq	98
70) Phenanthrene	16.84	178	2915726	46.757	nq	100
71) Anthracene	16.93	178	2950791	47.446	nq	99
72) Carbazole	17.22	167	2476517	45.533	nq	100
73) Di-n-butylphthalate	17.80	149	2965321	44.771	nq #	96
74) Fluoranthene	18.88	202	3757587	48.624	nq	98
76) Benzidine	19.09	184	120504	3.433	nq	97
77) Pyrene	19.24	202	3822998	43.845	nq	100
79) Butylbenzylphthalate	20.18	149	1413007	45.572	nq #	69
80) Benzo(a)anthracene	21.01	228	3903719	46.589	nq	99
81) 3,3'-Dichlorobenzidine	20.96	252	1122635	34.153	nq #	97
82) Chrysene	21.06	228	3620814	45.018	nq	99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2010357	44.074	nq	99
84) Di-n-octyl phthalate	21.82	149	3310384	44.716	nq	100
85) Indeno(1,2,3-cd)pyrene	25.22	276	4044432	48.553	nq	96
87) Benzo(b)fluoranthene	22.52	252	3837195	44.082	nq #	93
88) Benzo(k)fluoranthene	22.56	252	3821418	45.804	nq #	95
89) Benzo(a)pyrene	23.04	252	3634315	46.141	nq #	96
90) Dibenzo(a,h)anthracene	25.23	278	3372110	46.182	nq #	92
91) Benzo(g,h,i)perylene	25.85	276	3357741	46.830	nq #	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

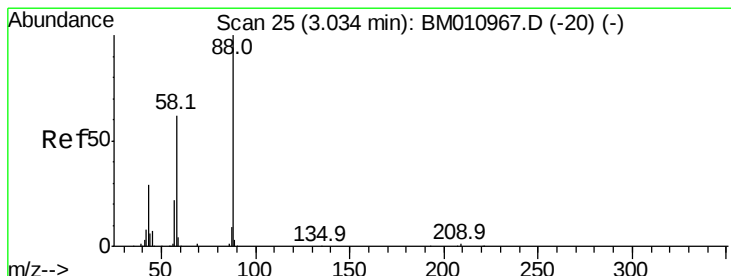
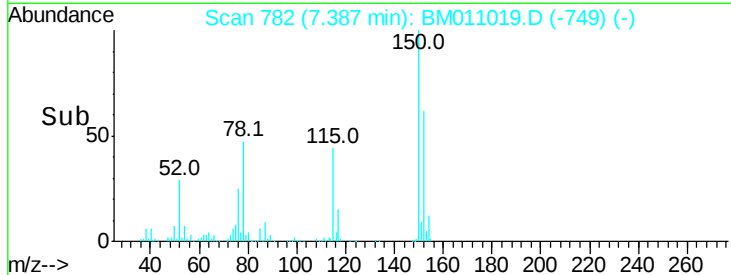
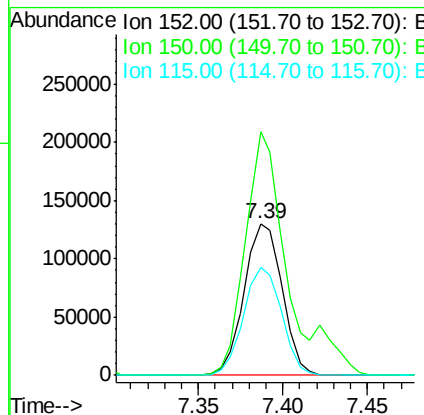
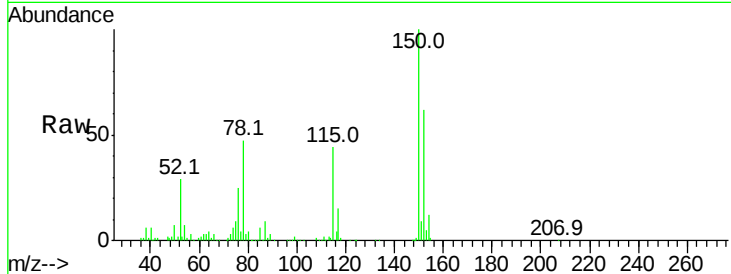
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampled :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	119.5	179.3
115	71.2	43.0	64.4

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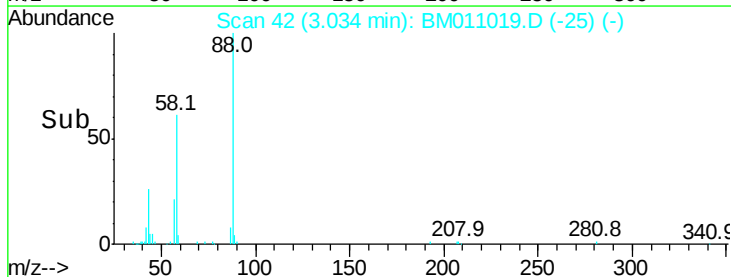
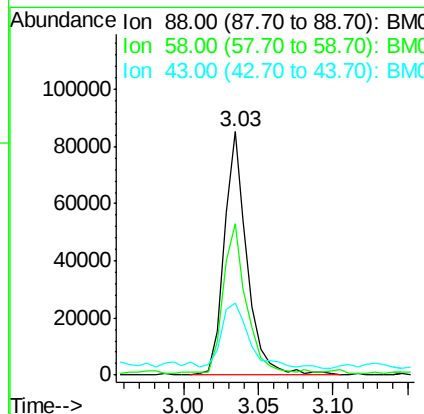
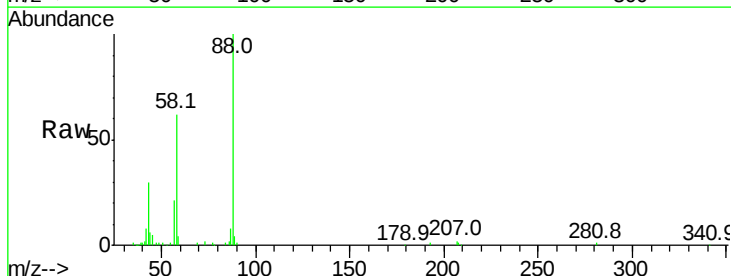
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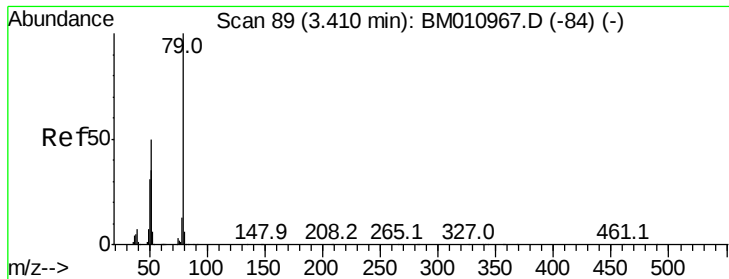


#2

1,4-Dioxane
Concen: 16.940 ng
RT: 3.03 min Scan# 42
Delta R.T. 0.00 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.8	0.0	0.0
43	30.6	0.0	0.0





#3

Pvridine

Concen: 12.164 ng

RT: 3.41 min Scan# 106

Delta R.T. 0.00 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

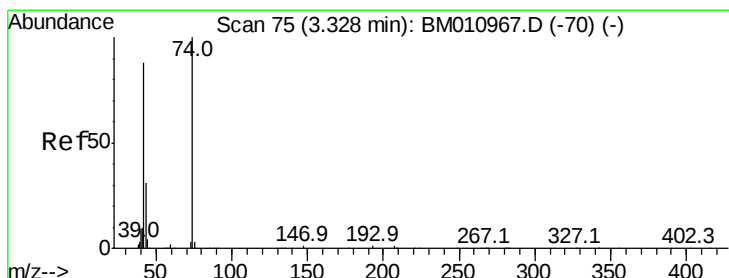
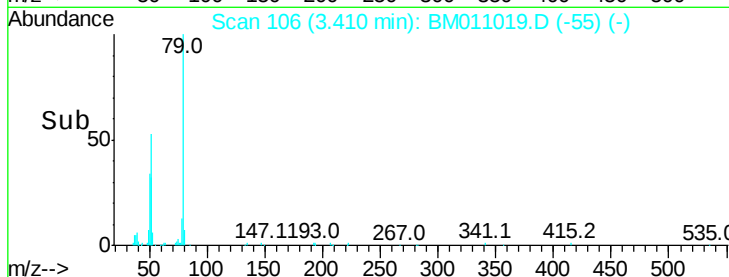
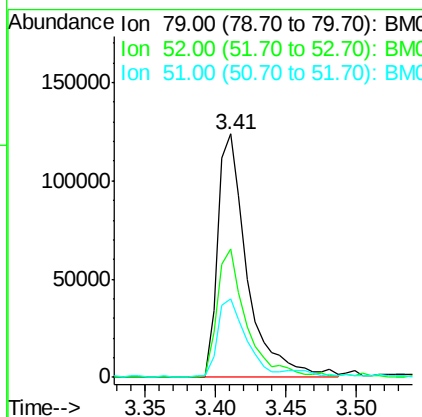
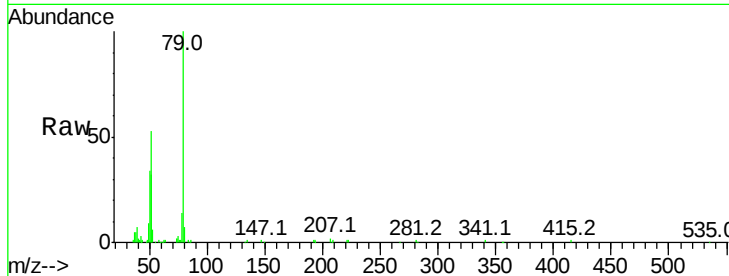
ClientSampleId :

MW-1MSD

Tot Ion:	79	Resp:	180144
Ion Ratio	Lower	Upper	
79	100		
52	52.7	51.1	76.7
51	32.1	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 18.770 ng

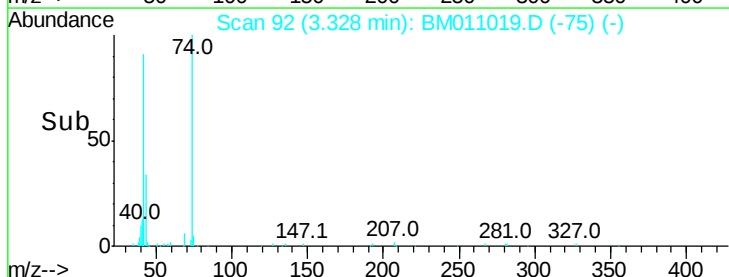
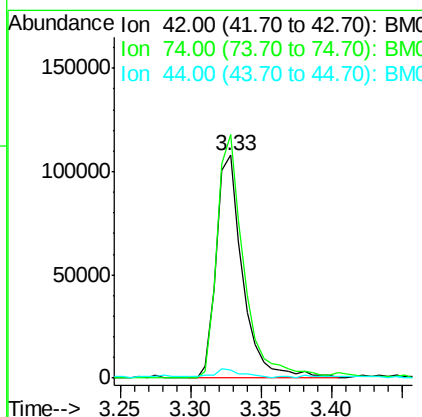
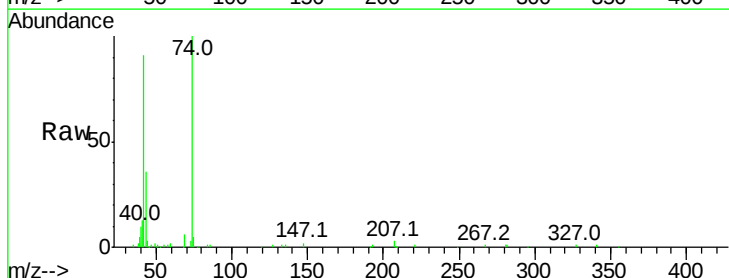
RT: 3.33 min Scan# 92

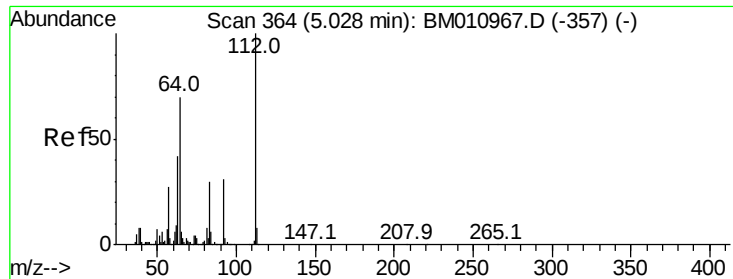
Delta R.T. 0.00 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Tgt Ion:	42	Resp:	141651
Ion Ratio	Lower	Upper	
42	100		
74	109.4	119.3	178.9#
44	3.8	5.4	8.2#





#5

2-Fluorophenol

Concen: 64.821 ng

RT: 5.03 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

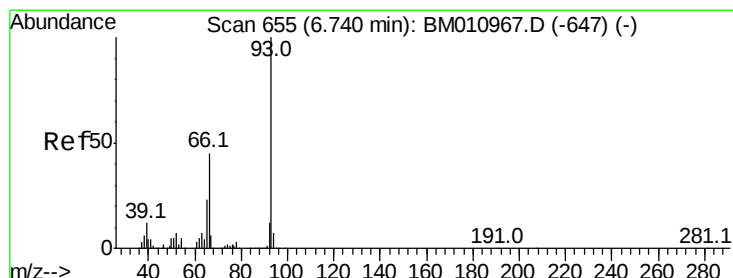
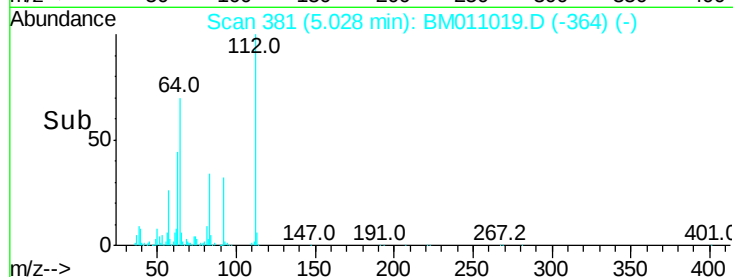
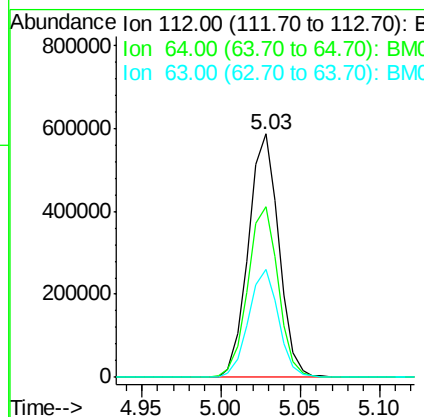
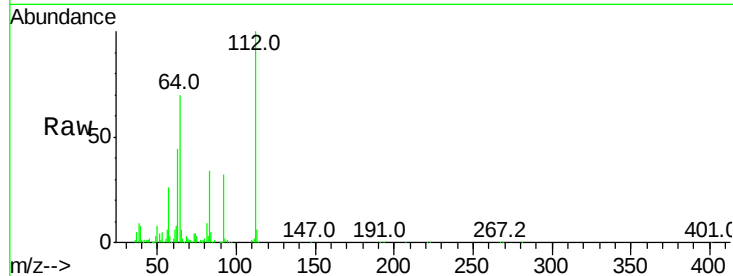
ClientSampleId :

MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	782722		
64	70.2	38.6	57.8#	
63	44.3	19.3	28.9#	

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#6

Aniline

Concen: 24.512 ng

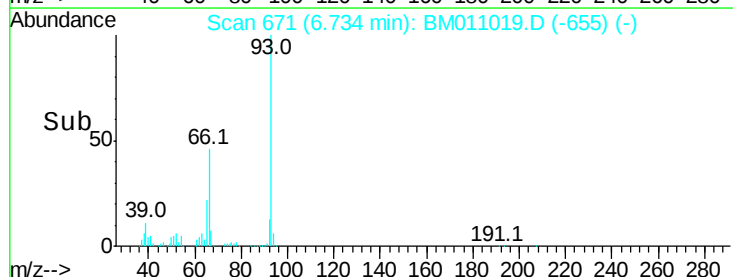
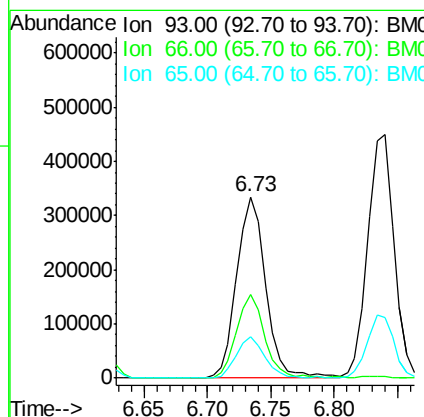
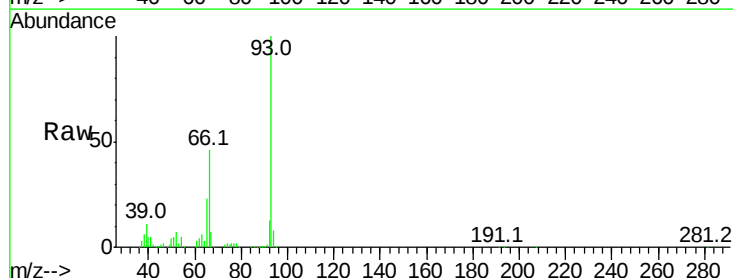
RT: 6.73 min Scan# 671

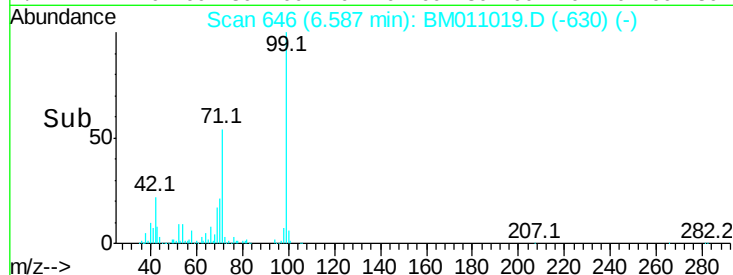
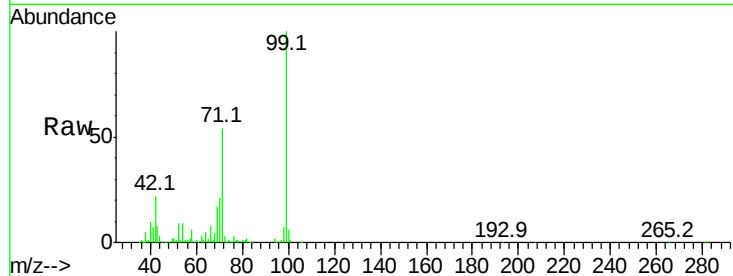
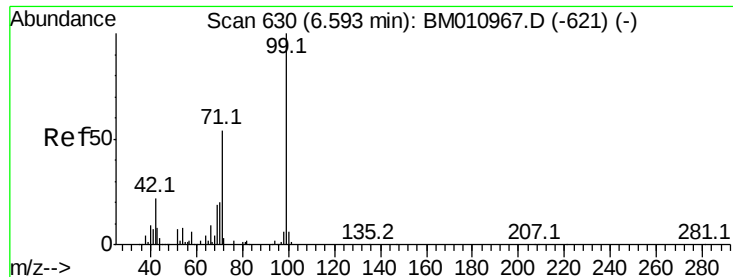
Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	530027		
66	46.1	30.8	46.2	
65	22.8	16.0	24.0	





#7

Phenol-d6

Concen: 43.428 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Tot Ion:	99	Resp:	745074
Ion Ratio	Lower	Upper	
99	100		
42	21.9	11.0	16.4#
71	54.4	23.4	35.2#

Instrument :

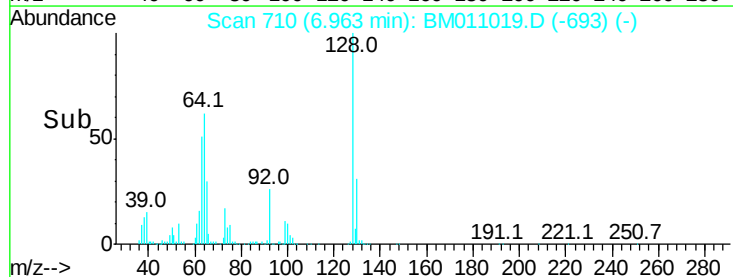
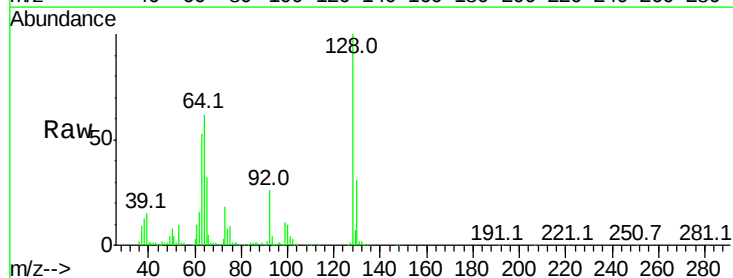
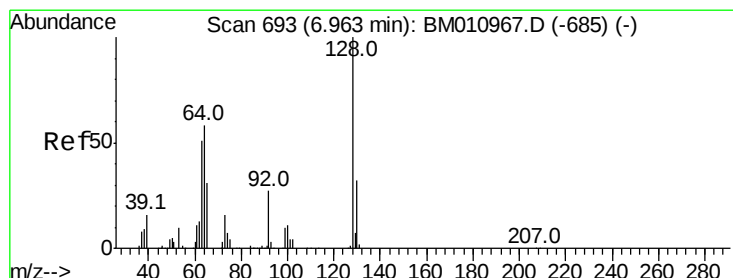
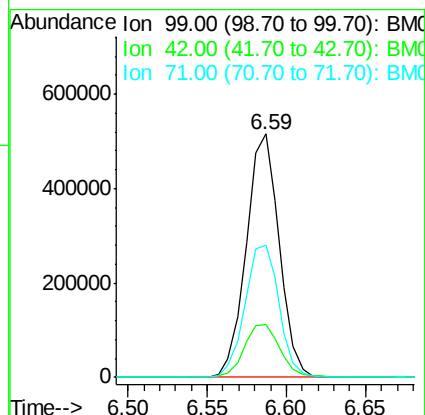
BNA_M

ClientSampleId :

MW-1MSD

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#8

2-Chlorophenol

Concen: 35.902 ng

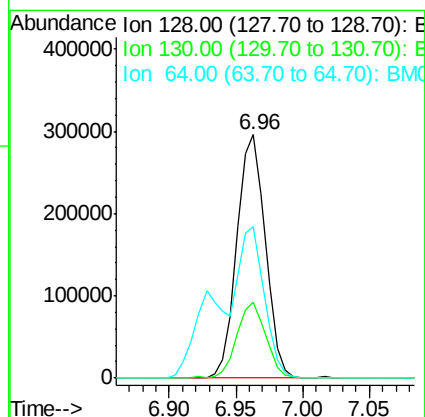
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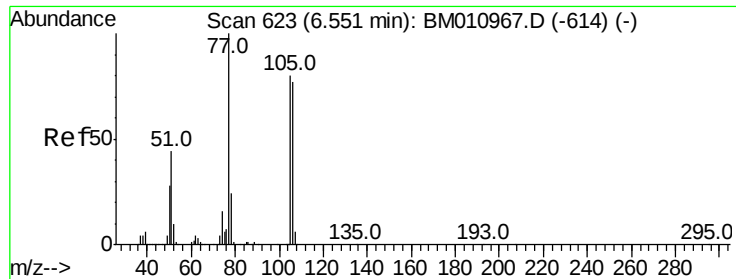
Delta R.T. 0.00 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Tgt Ion:	128	Resp:	440140
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.0	52.0
64	62.1	24.9	64.9





#9

Benzaldehyde

Concen: 21.278 ng

RT: 6.55 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

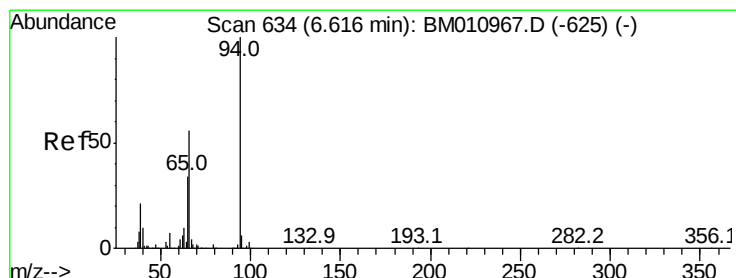
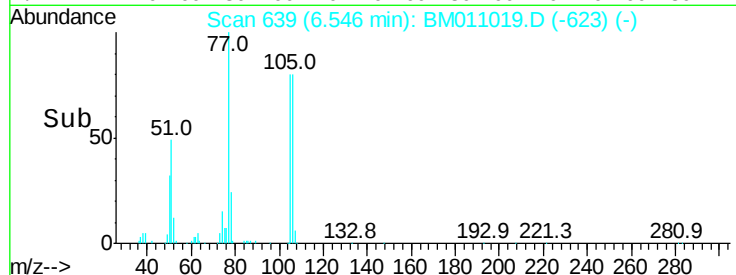
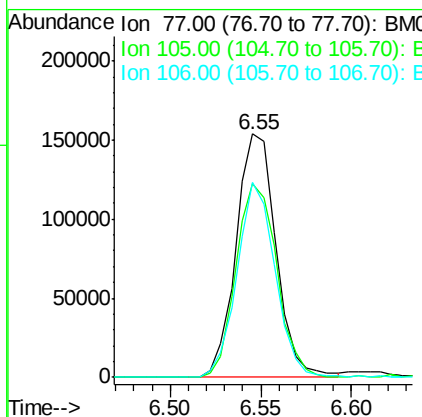
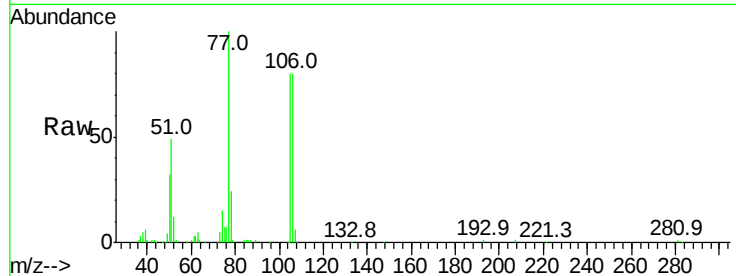
ClientSampleId :

MW-1MSD

Tot Ion:	77	Resp:	236206
Ion	Ratio	Lower	Upper
77	100		
105	79.7	78.8	118.8
106	80.0	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 16.451 ng

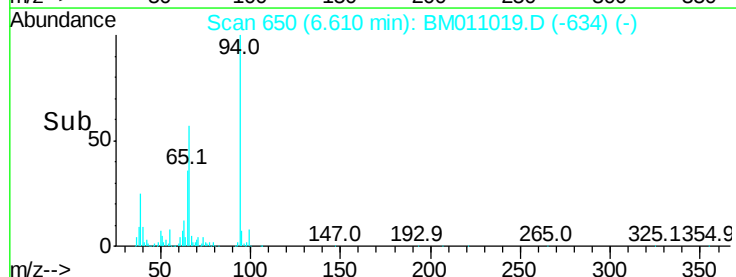
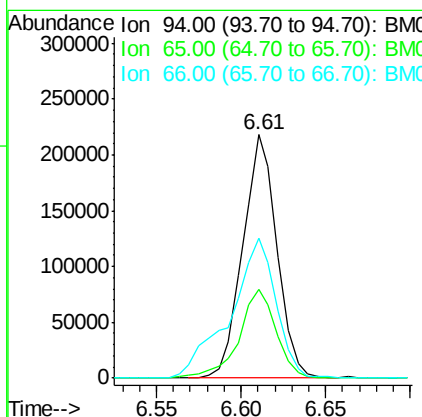
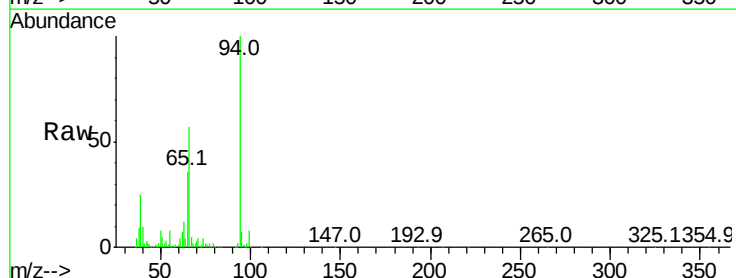
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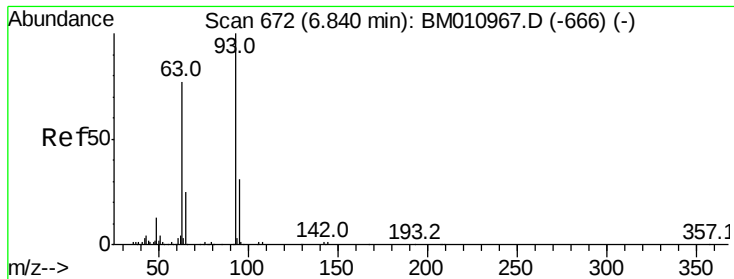
Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Tgt Ion:	94	Resp:	306567
Ion	Ratio	Lower	Upper
94	100		
65	36.4	18.8	58.8
66	57.3	39.9	79.9





#11

bis(2-Chloroethyl)ether

Concen: 44.149 ng

RT: 6.84 min Scan# 689

Delta R.T. 0.00 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

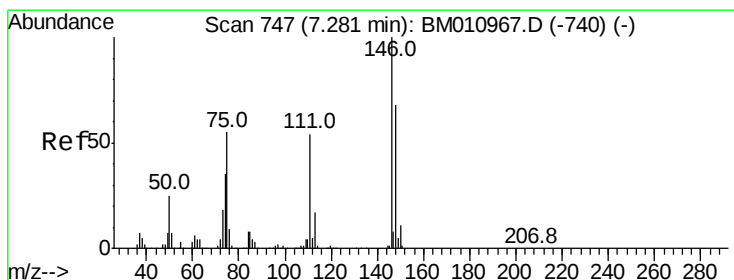
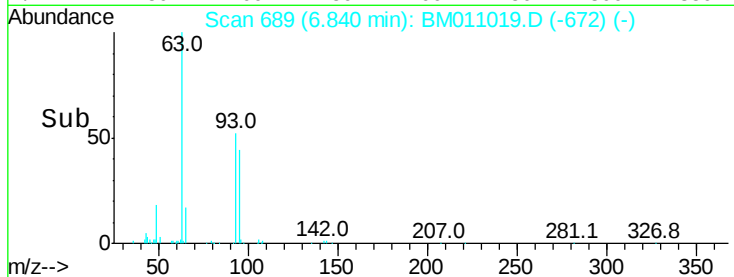
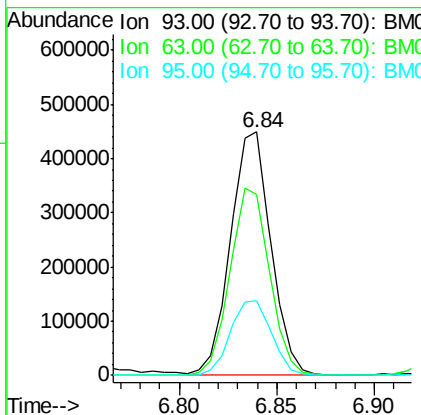
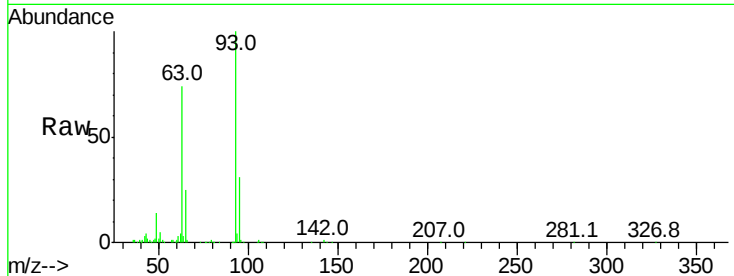
ClientSampleId :

MW-1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.2	49.5	89.5
95	30.6	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 33.283 ng

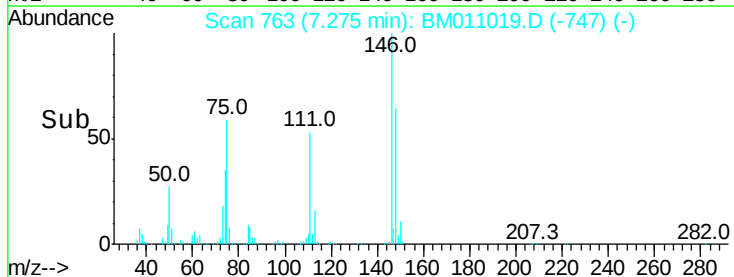
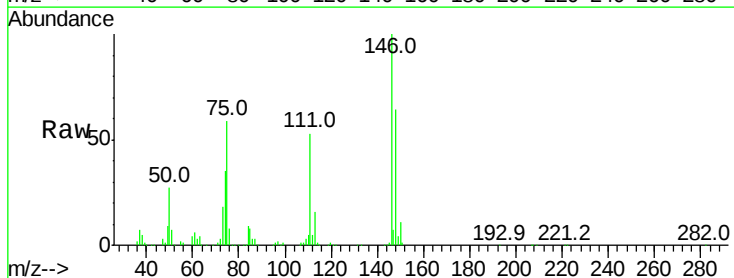
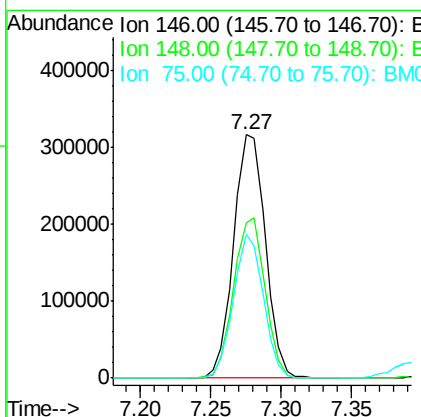
RT: 7.27 min Scan# 763

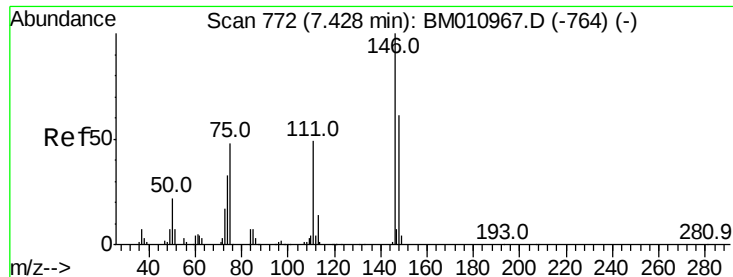
Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
75	59.2	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 33.693 ng

RT: 7.42 min Scan# 788

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

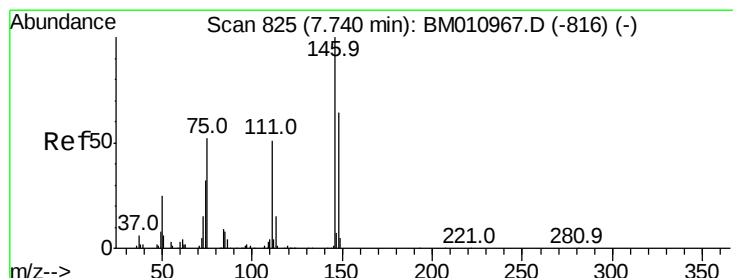
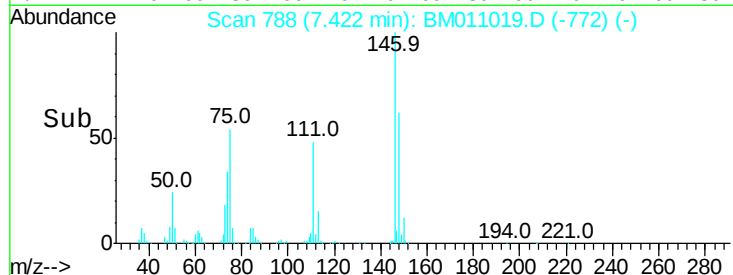
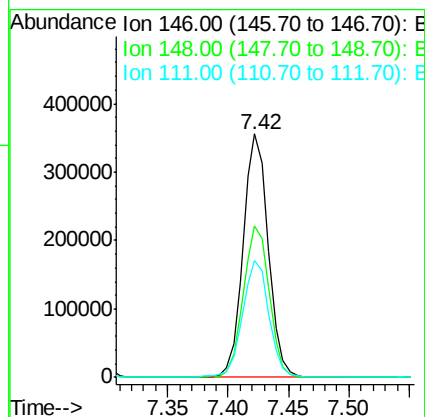
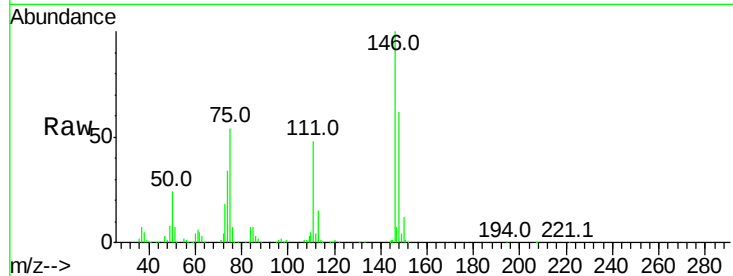
ClientSampleId :

MW-1MSD

Tot Ion:	146	Resp:	516000
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.9	77.9
111	48.1	29.2	43.8#

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#14

1,2-Dichlorobenzene

Concen: 34.068 ng

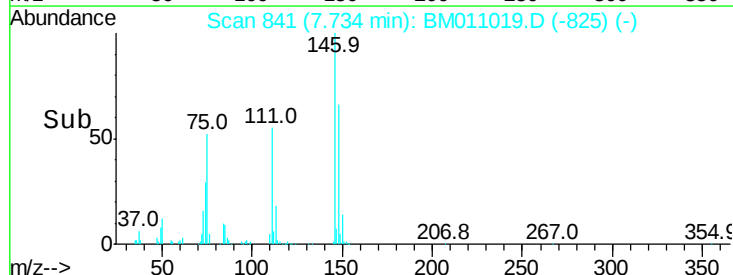
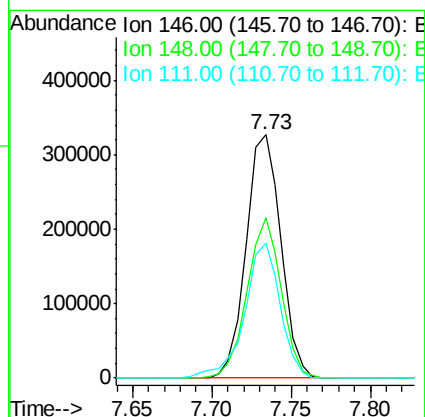
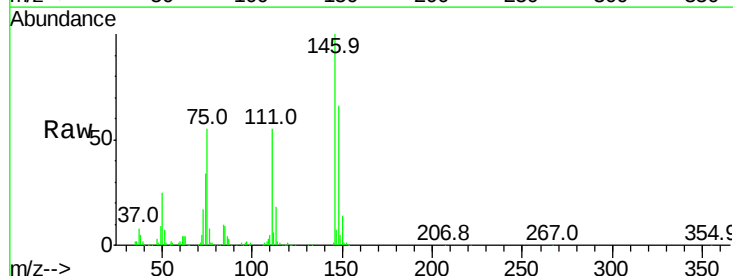
RT: 7.73 min Scan# 841

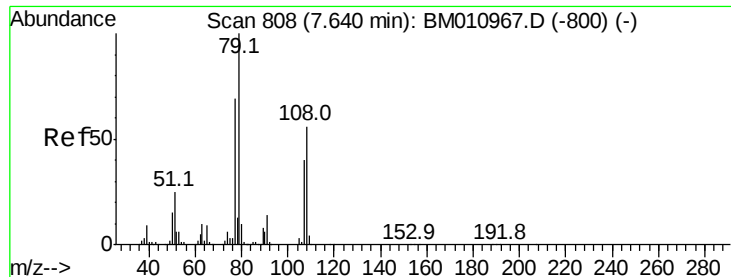
Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Tgt Ion:	146	Resp:	498847
Ion Ratio	Lower	Upper	
146	100		
148	66.1	52.3	78.5
111	55.3	30.6	45.8#





#15

Benzyl Alcohol

Concen: 29.228 ng

RT: 7.63 min Scan# 824

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

Tot Ion: 79 Resp: 481045

Ion Ratio Lower Upper

79 100

108 52.0 65.0 97.4#

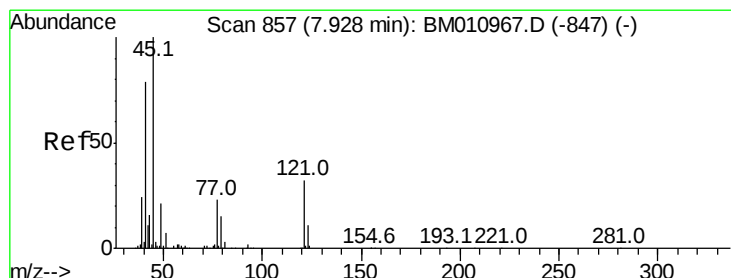
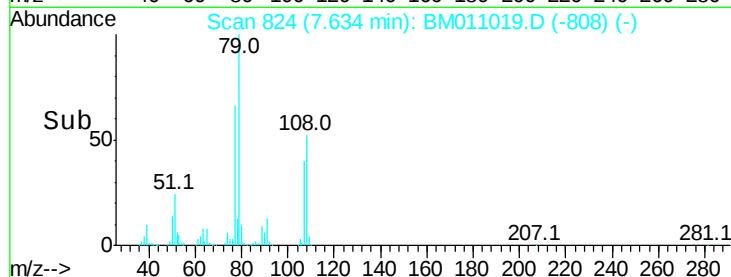
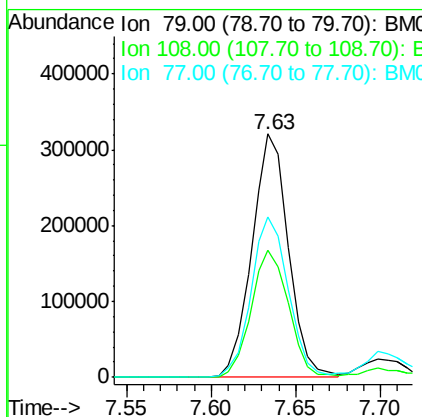
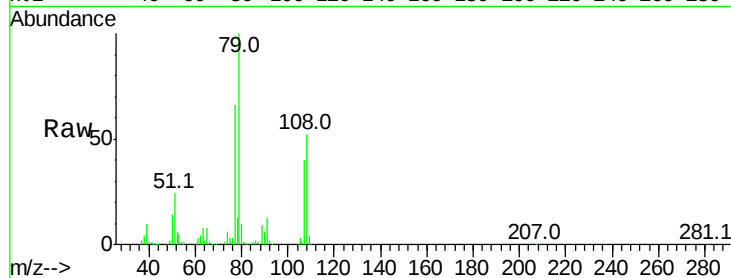
77 65.9 53.0 79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.263 ng

RT: 7.93 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

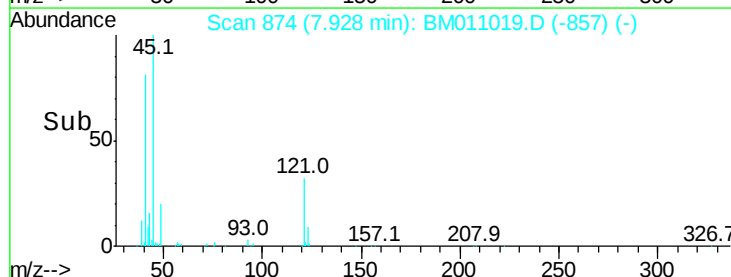
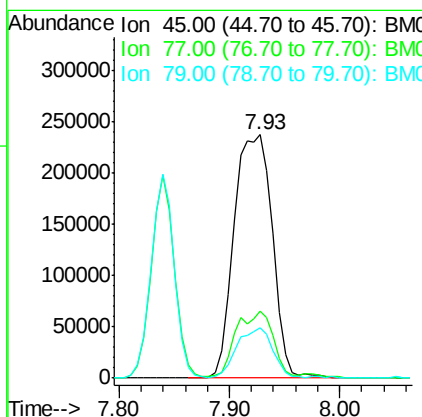
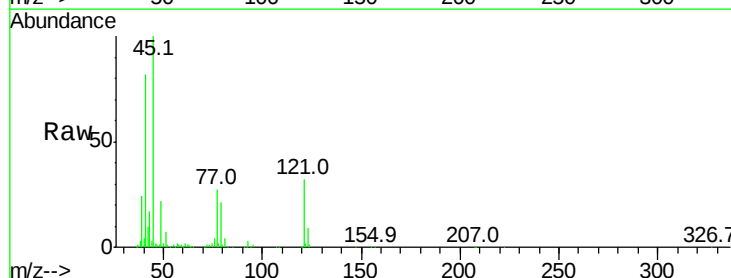
Tgt Ion: 45 Resp: 578322

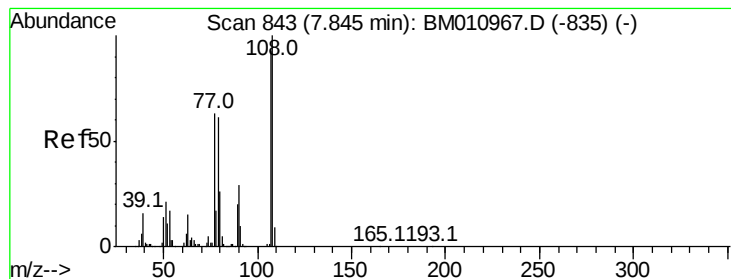
Ion Ratio Lower Upper

45 100

77 27.4 0.0 35.2

79 20.7 0.0 32.0





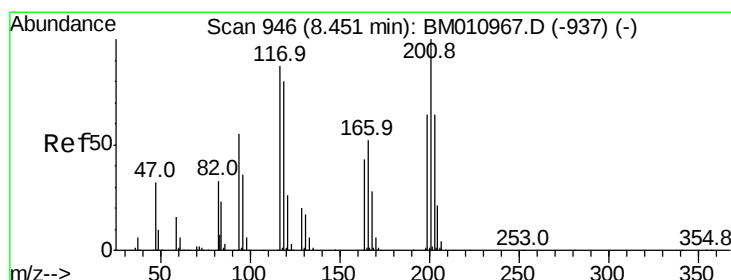
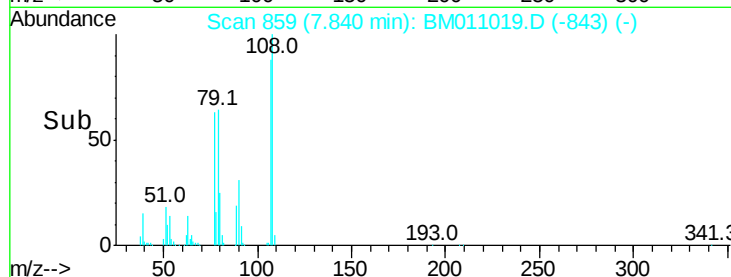
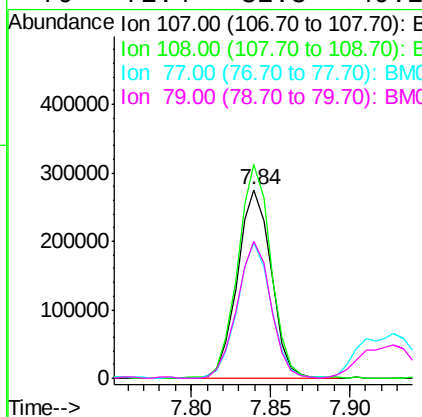
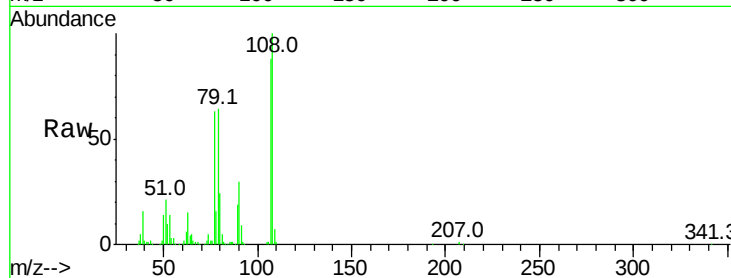
#17
2-Methylphenol
Concen: 34.218 ng
RT: 7.84 min Scan# 859
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	89.8	134.8	
77	72.0	32.6	48.8#	
79	72.4	32.8	49.2#	

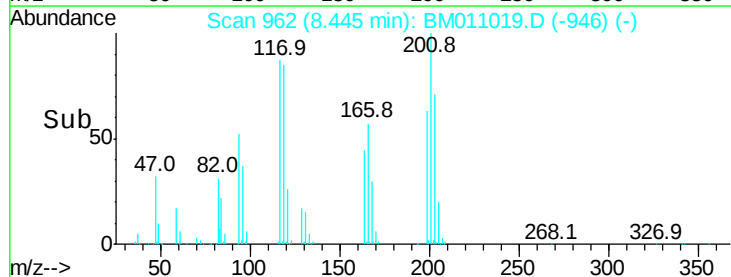
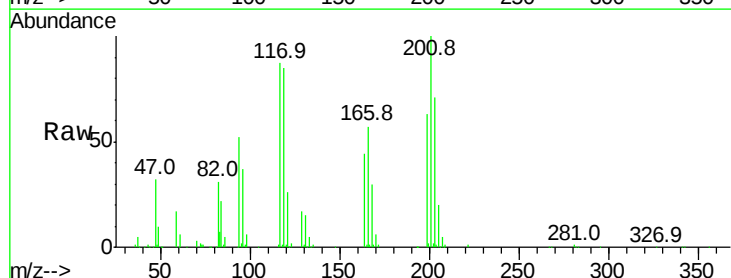
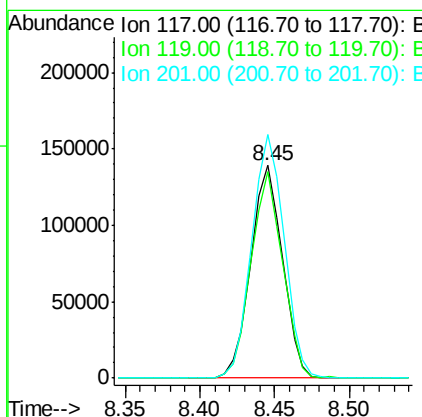
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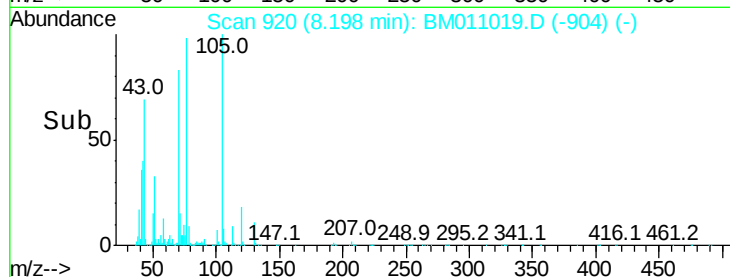
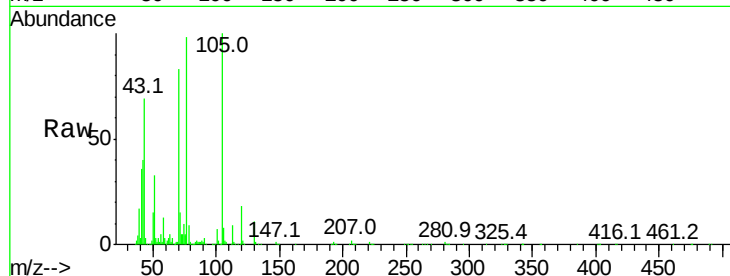
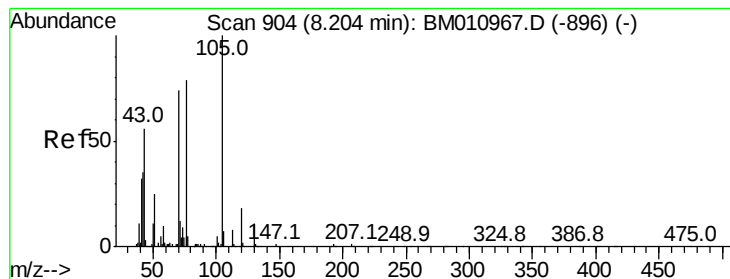
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#18
Hexachloroethane
Concen: 30.637 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	79.2	118.8	
201	114.4	69.8	104.6#	





#19

n-Nitroso-di-n-propylamine

Concen: 44.439 ng

RT: 8.20 min Scan# 920

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

Tot Ion: 70 Resp: 647889

Ion Ratio Lower Upper

70 100

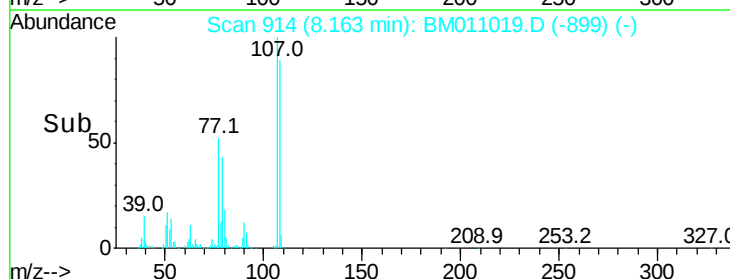
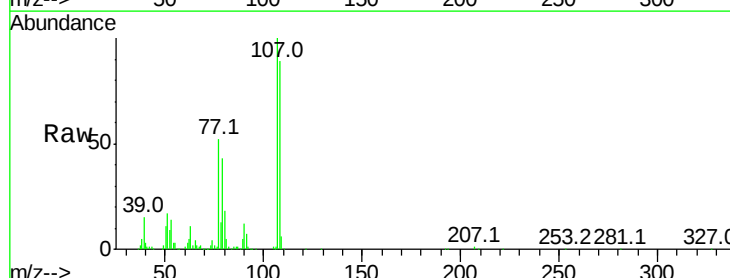
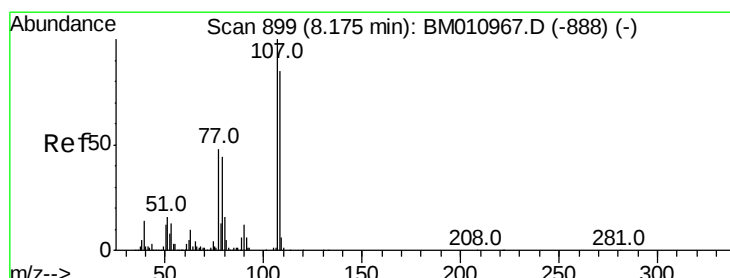
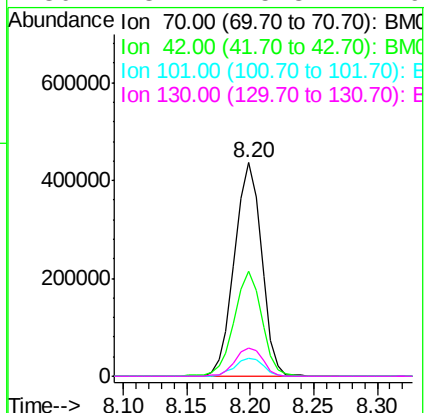
42 48.9 44.5 66.7

101 8.3 7.4 11.2

130 13.4 15.3 22.9#

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#20

3+4-Methylphenols

Concen: 29.348 ng

RT: 8.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Tgt Ion: 107 Resp: 485867

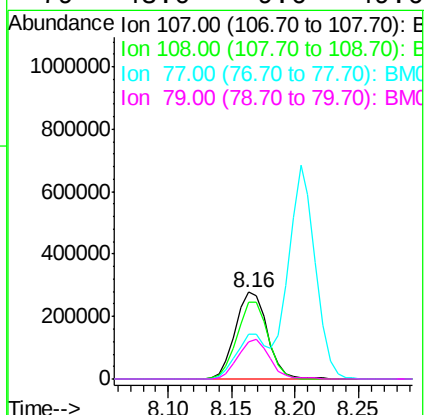
Ion Ratio Lower Upper

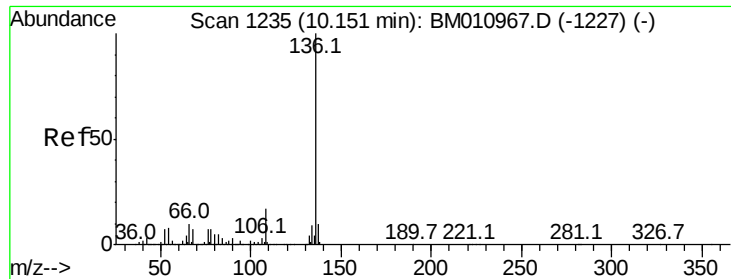
107 100

108 88.8 73.2 113.2

77 52.3 10.7 50.7#

79 43.0 9.6 49.6





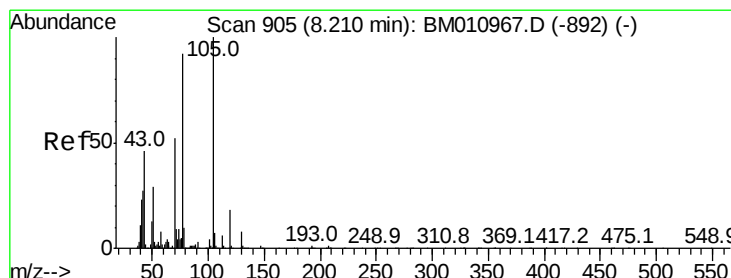
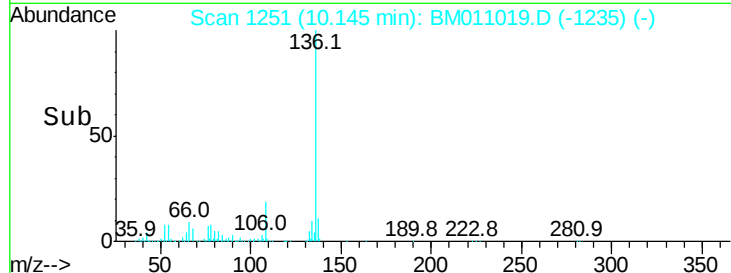
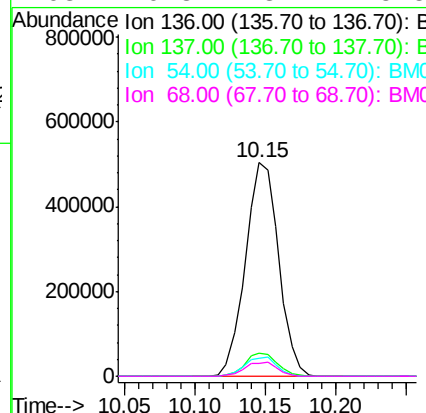
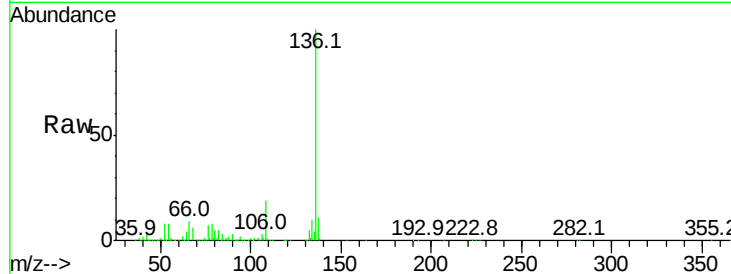
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.7	13.1	
54	8.4	4.6	6.8#	
68	6.3	3.7	5.5#	

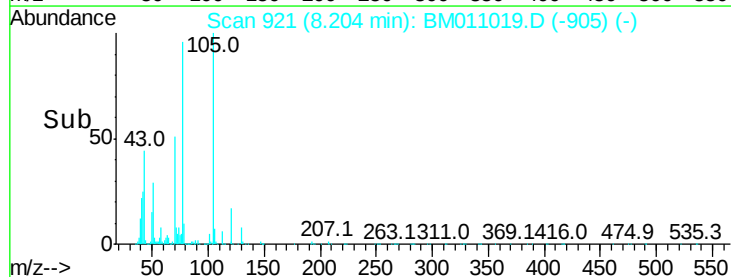
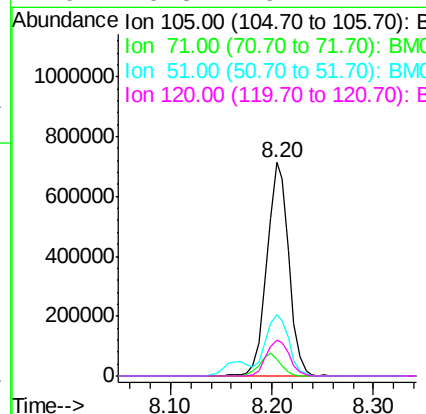
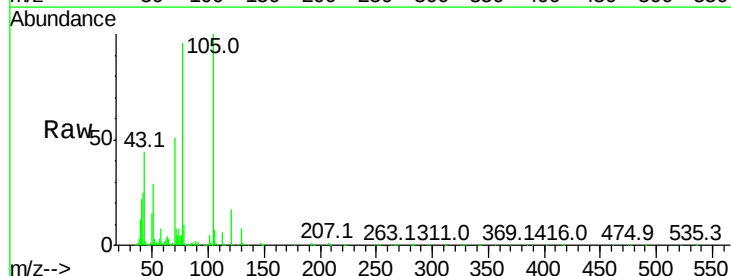
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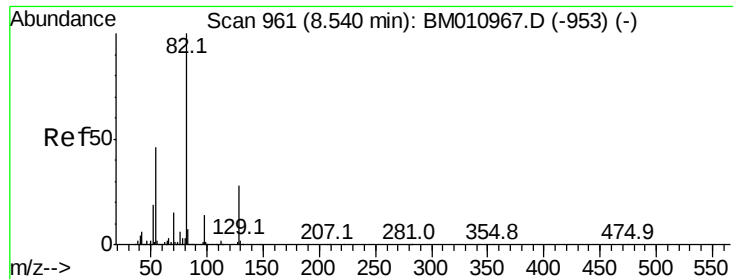
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#22
Acetophenone
Concen: 43.264 ng
RT: 8.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.8	0.6	1.0#	
51	29.0	21.6	32.4	
120	16.8	16.1	24.1	





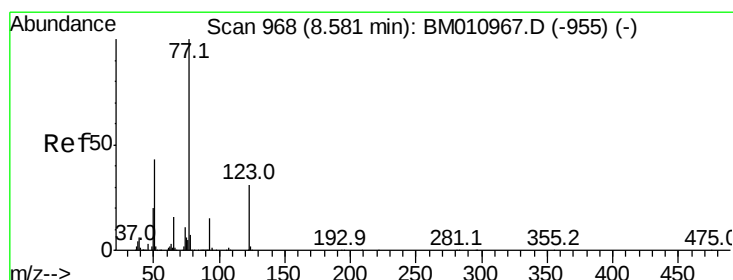
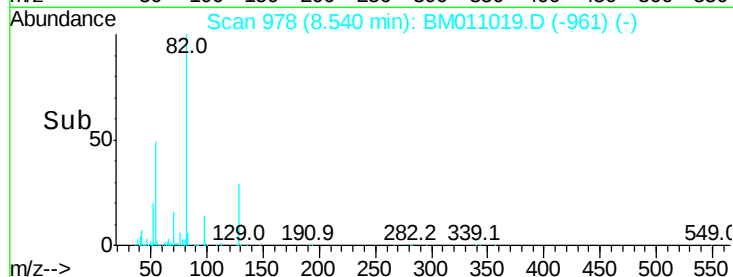
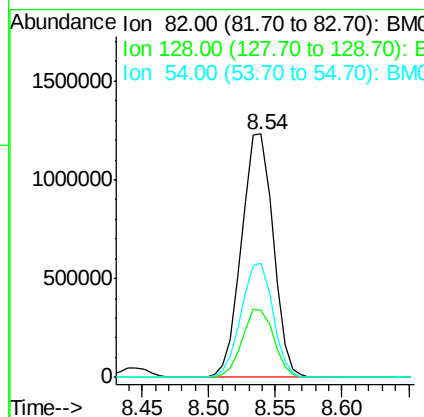
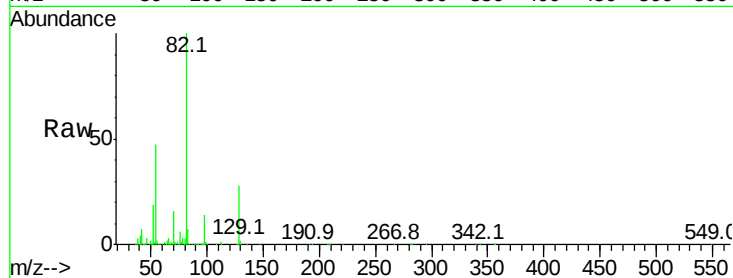
#23
 Nitrobenzene-d5
 Concen: 91.725 ng
 RT: 8.54 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Tot Ion	82	Resp	2026936
Ion Ratio	100	Lower	Upper
82	100		
128	27.7	32.8	49.2#
54	47.1	40.6	60.8

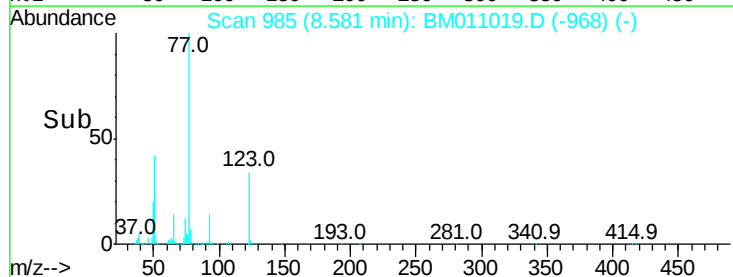
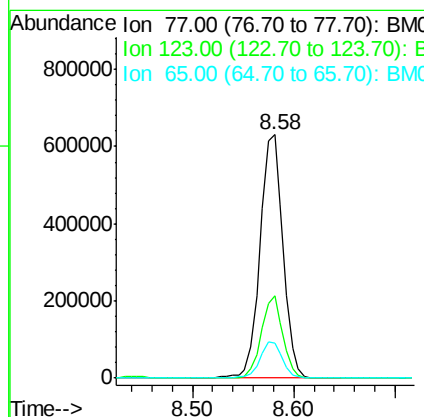
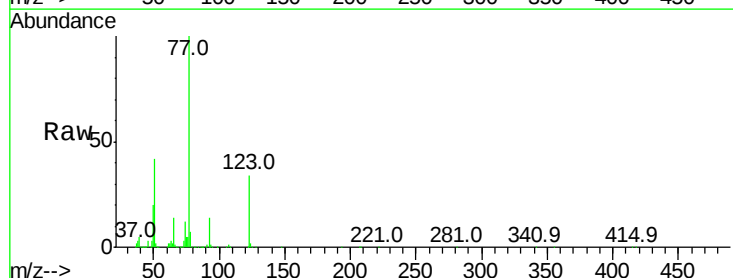
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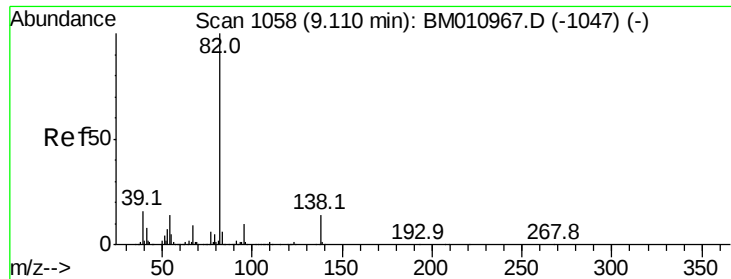
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#24
 Nitrobenzene
 Concen: 43.042 ng
 RT: 8.58 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Tgt Ion	77	Resp	985602
Ion Ratio	100	Lower	Upper
77	100		
123	33.8	32.6	49.0
65	14.5	10.9	16.3





#25

Isophorone

Concen: 43.470 ng

RT: 9.10 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

ClientSampled :

MW-1MSD

Tot Ion: 82 Resp: 1601649

Ion Ratio Lower Upper

82 100

95 9.4 5.8 8.6#

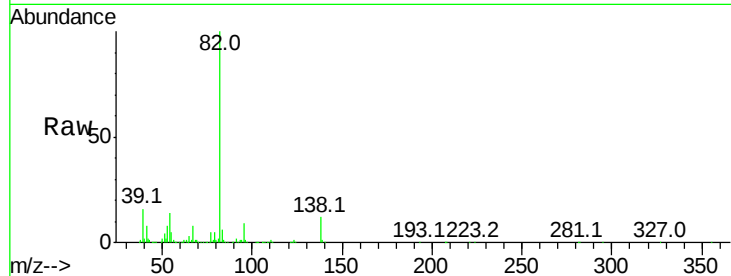
138 11.7 16.3 24.5#

Manual Integrations

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Sohil

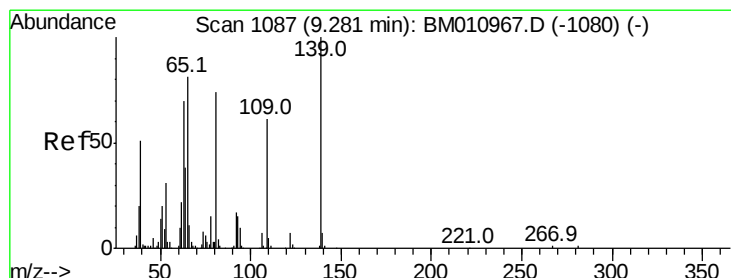
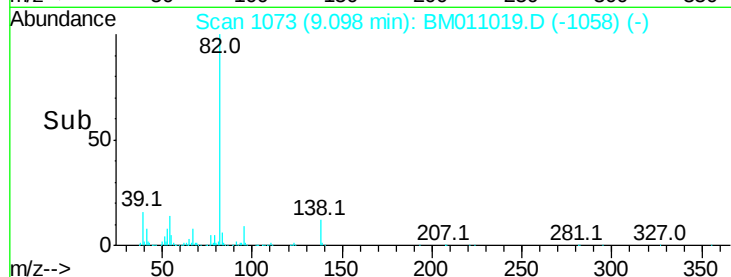
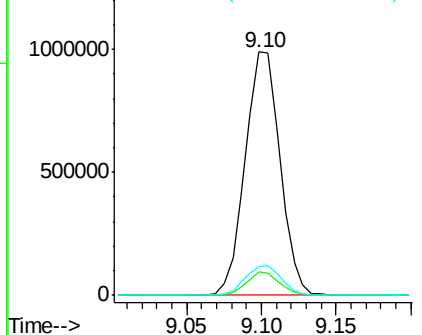
7/28/2017 4:45:01 PM



Abundance Ion 82.00 (81.70 to 82.70): BM011019.D (-1047) (-)

Ion 95.00 (94.70 to 95.70): BM011019.D (-1047) (-)

Ion 138.00 (137.70 to 138.70): BM011019.D (-1047) (-)



#26

2-Nitrophenol

Concen: 40.968 ng

RT: 9.27 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

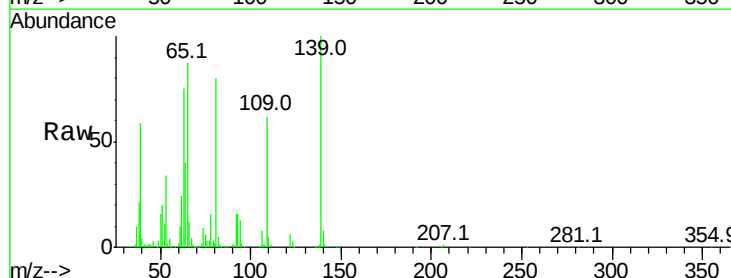
Tgt Ion: 139 Resp: 298499

Ion Ratio Lower Upper

139 100

109 62.0 20.1 30.1#

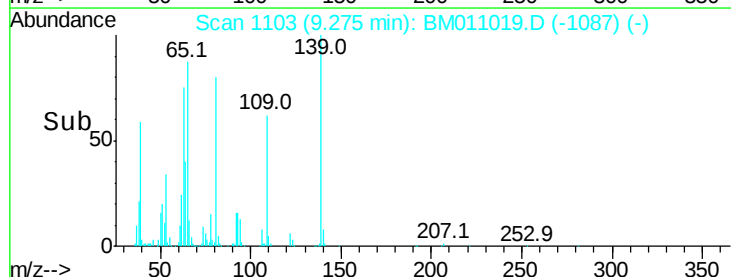
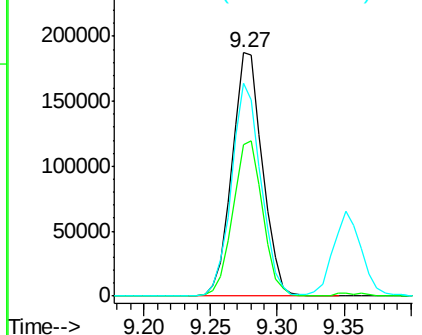
65 87.4 31.5 47.3#

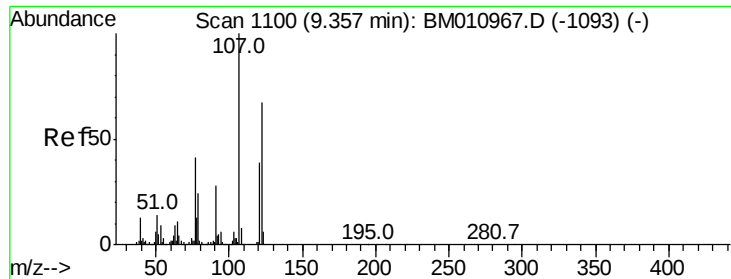


Abundance Ion 139.00 (138.70 to 139.70): BM011019.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM011019.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM011019.D (-1087) (-)





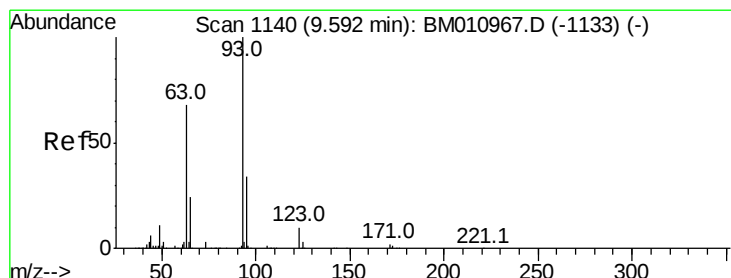
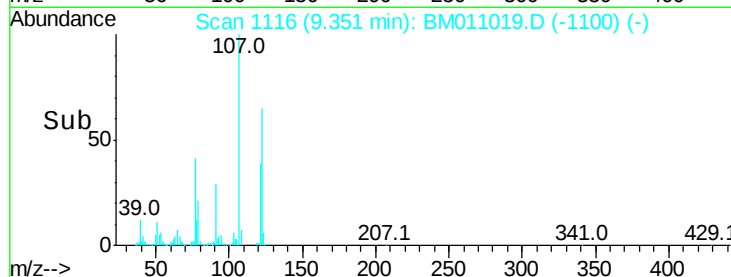
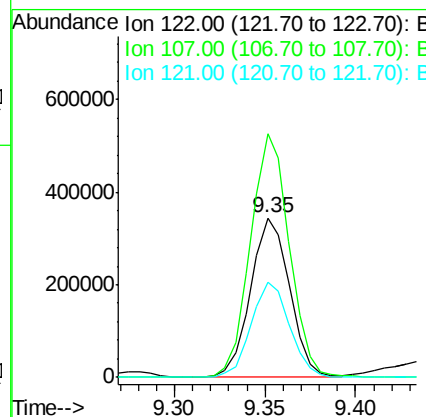
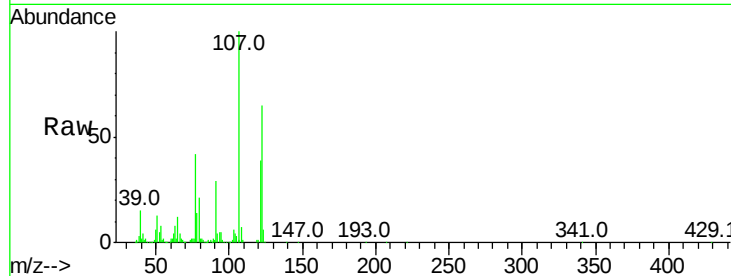
#27
2,4-Dimethylphenol
Concen: 40.068 ng
RT: 9.35 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	152.9	84.7	127.1#
121	59.4	46.6	69.8

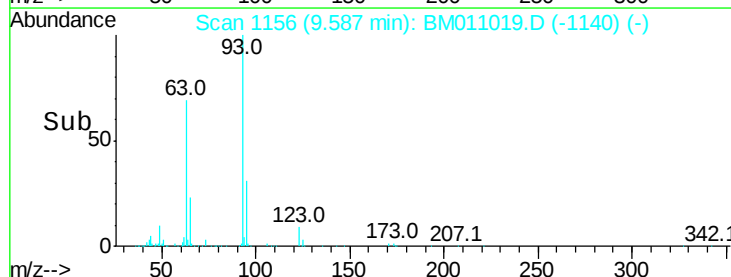
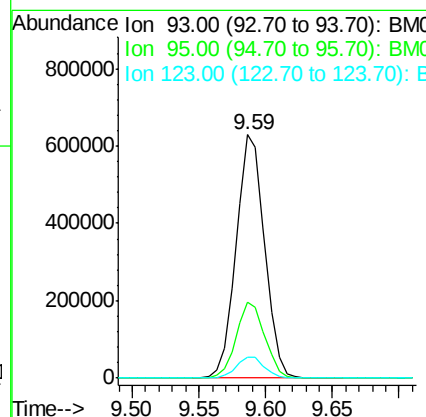
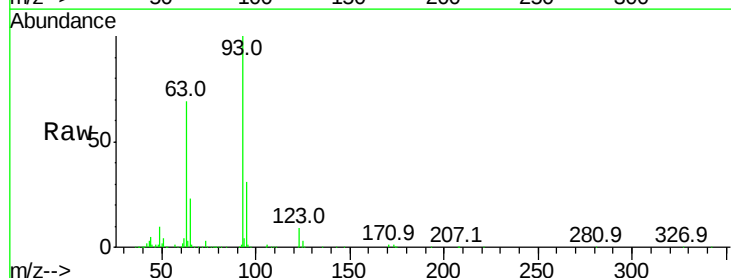
Manual Integrations
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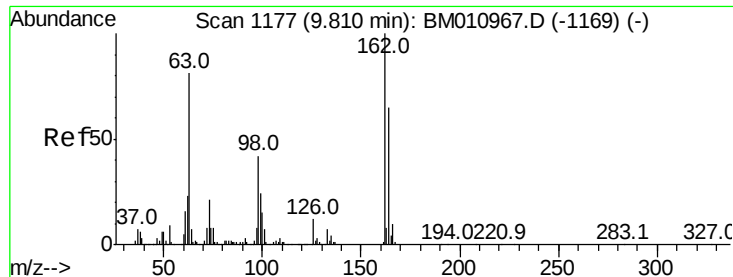
Sohil
7/28/2017 4:45:01 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.563 ng
RT: 9.59 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.5	38.3
123	8.6	8.6	13.0#





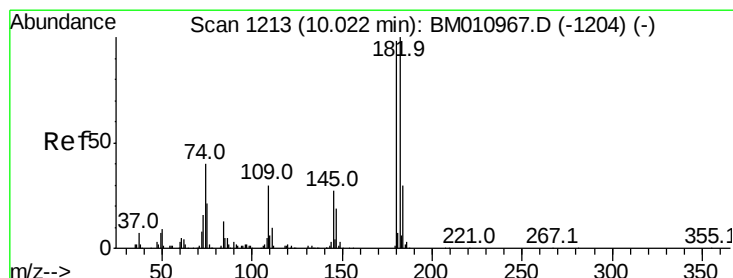
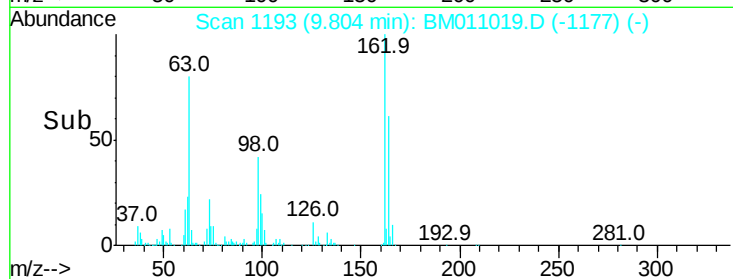
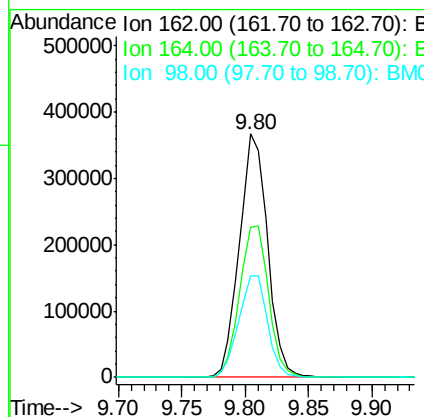
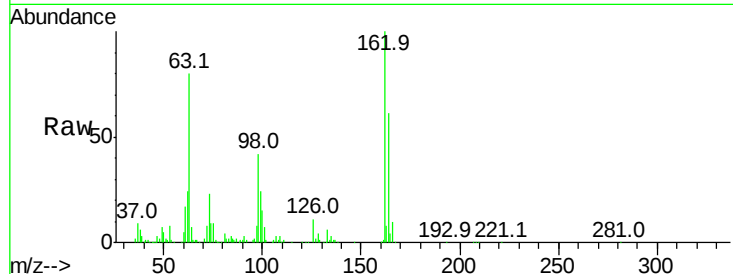
#29
 2,4-Dichlorophenol
 Concen: 39.412 ng
 RT: 9.80 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.4	42.8	82.8
98	41.6	14.5	54.5

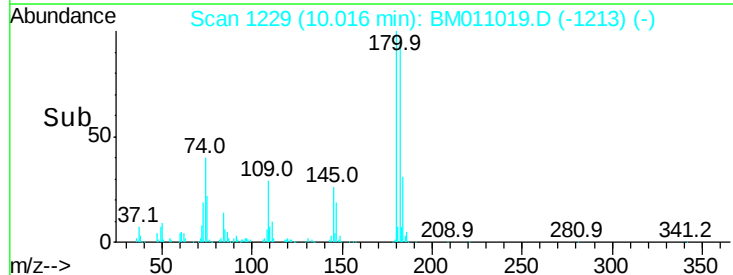
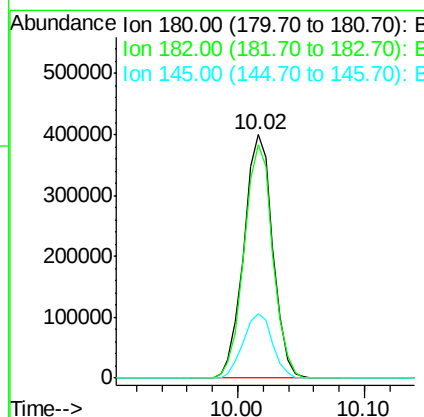
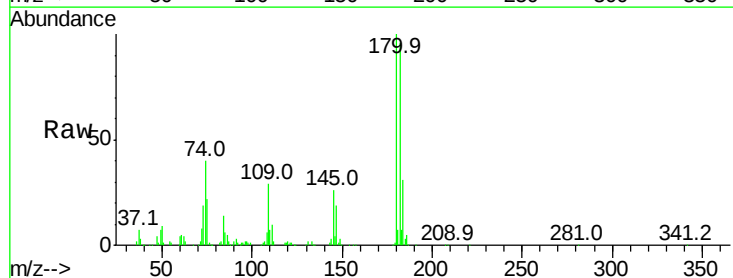
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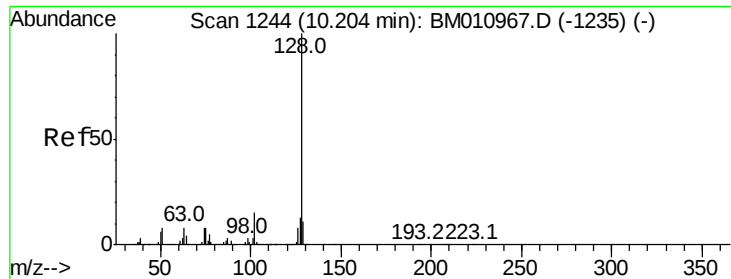
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.520 ng
 RT: 10.02 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	77.6	116.4
145	26.4	23.4	35.2





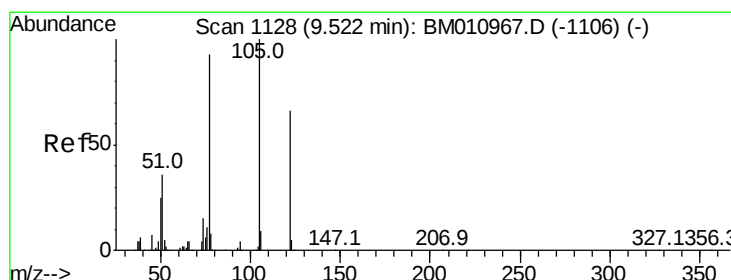
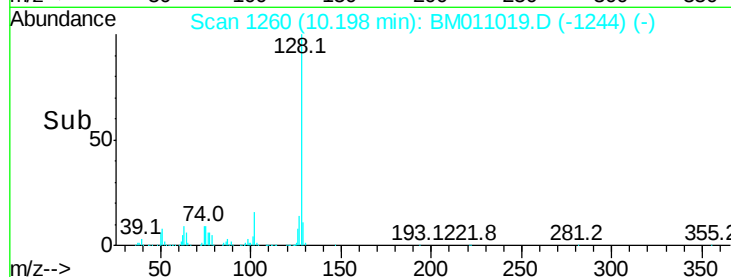
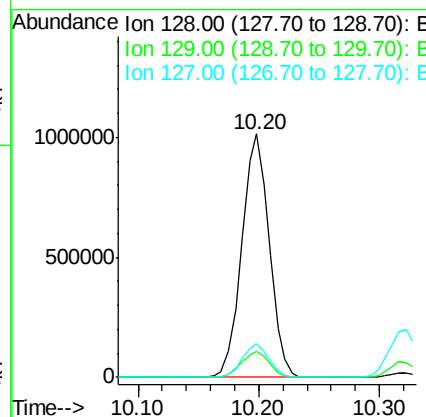
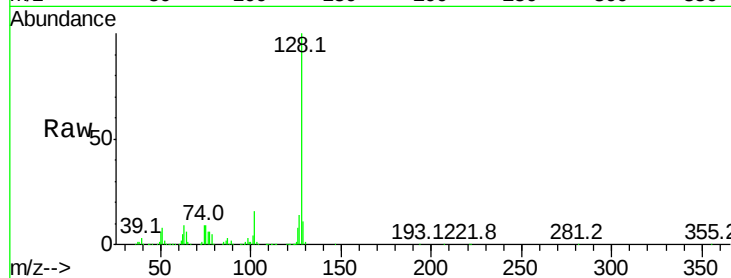
#31
Naphthalene
Concen: 38.419 ng
RT: 10.20 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampled :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.6	10.4	15.6

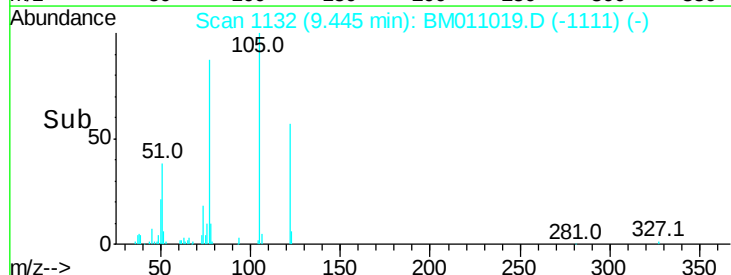
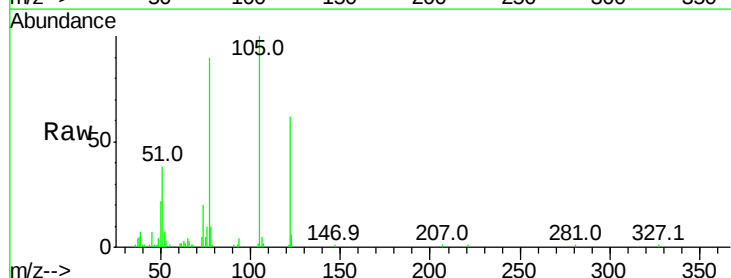
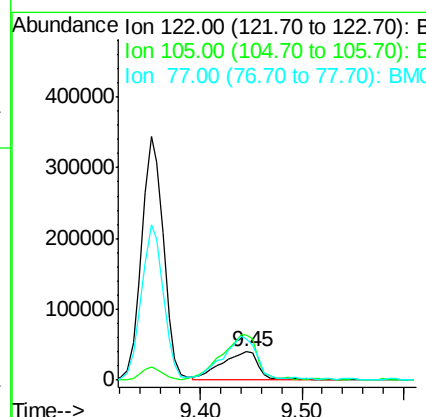
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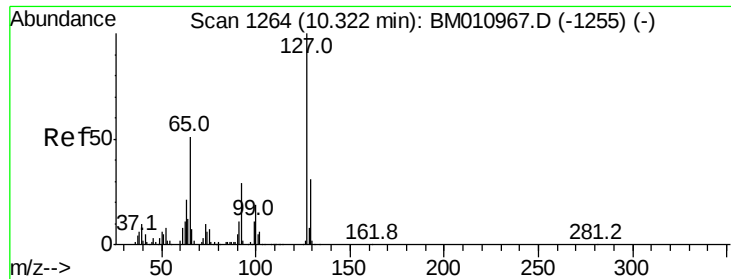
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#32
Benzoic acid
Concen: 9.881 ng
RT: 9.45 min Scan# 1132
Delta R.T. -0.08 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	161.8	99.9	139.9#
77	145.3	73.7	113.7#





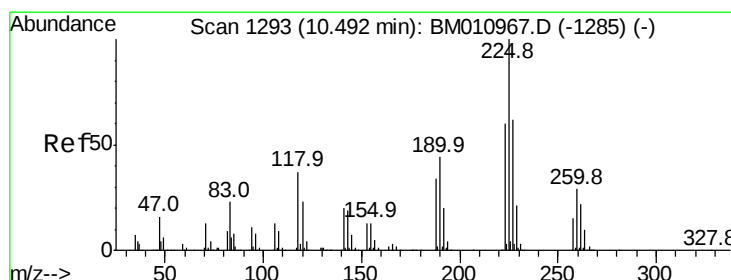
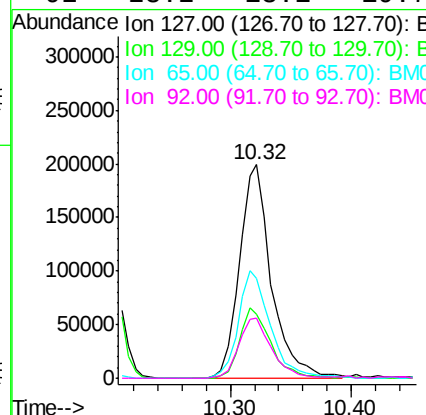
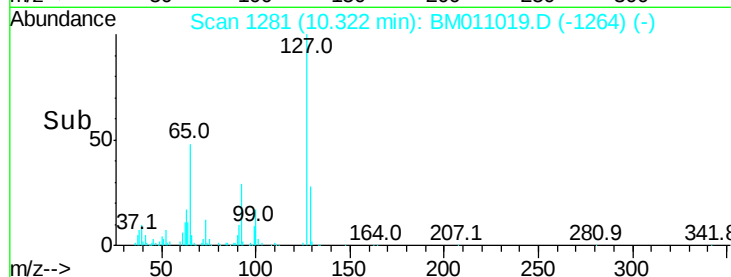
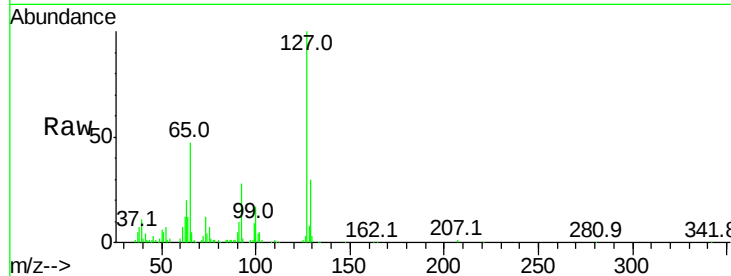
#33
4-Chloroaniline
Concen: 22.018 ng
RT: 10.32 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.1	25.3	37.9	
65	46.6	17.6	26.4	
92	28.2	13.1	19.7	

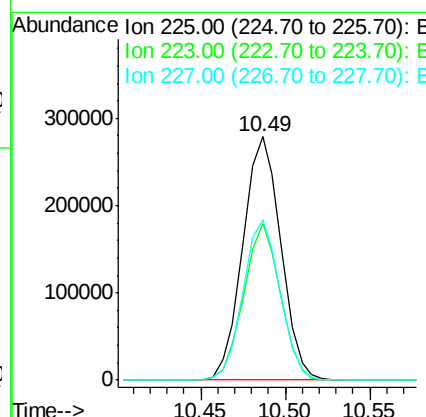
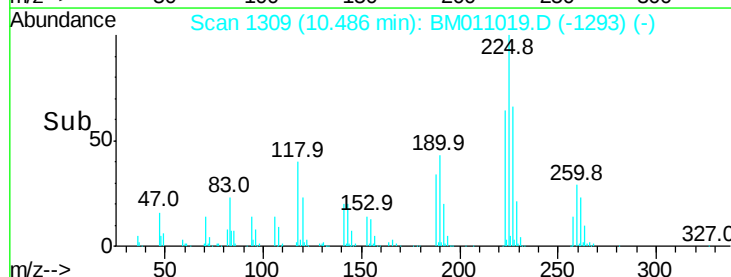
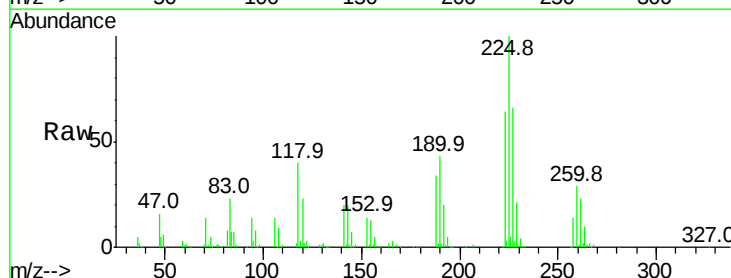
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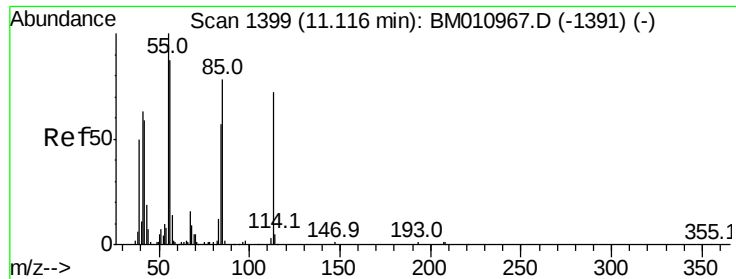
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#34
Hexachlorobutadiene
Concen: 31.087 ng
RT: 10.49 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	47.9	71.9	
227	65.8	50.1	75.1	





#35

Caprolactam

Concen: 5.424 ng/mL

RT: 11.11 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

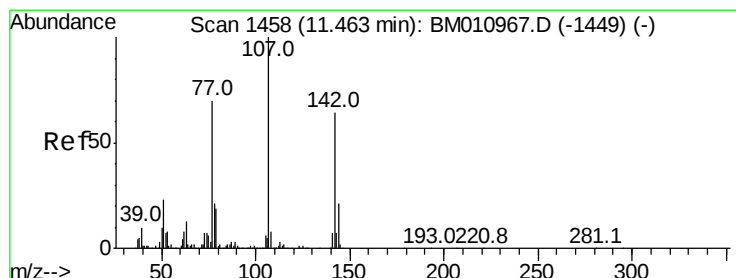
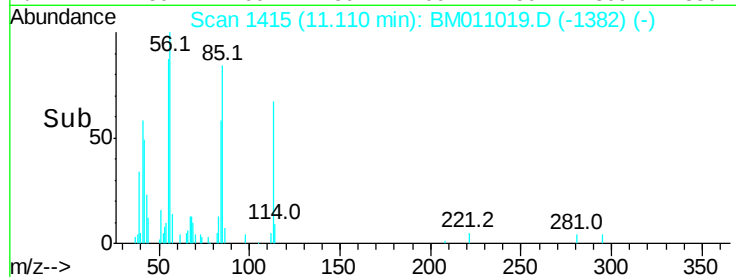
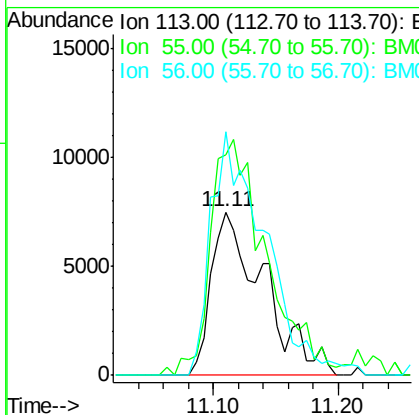
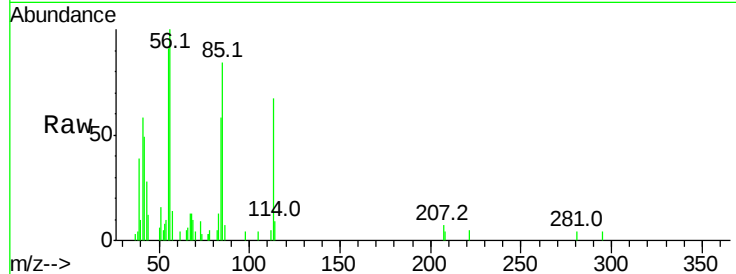
ClientSampleId :

MW-1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	135.3	145.9	185.9#
56	149.1	101.0	141.0#

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#36

4-Chloro-3-methylphenol

Concen: 34.355 ng/mL

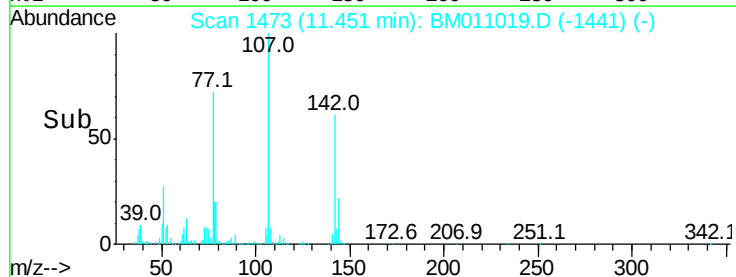
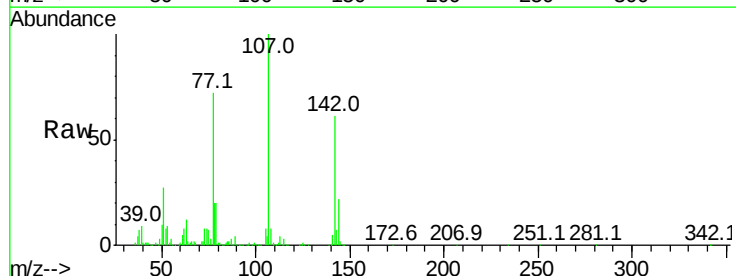
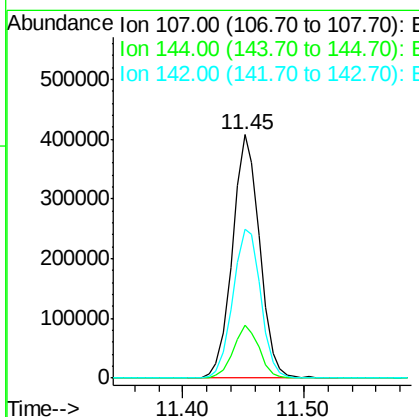
RT: 11.45 min Scan# 1473

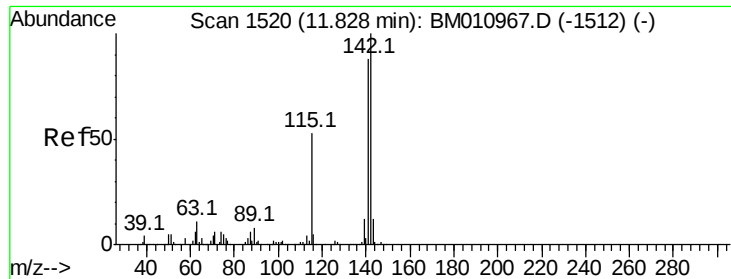
Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.6	23.3	34.9#
142	61.1	72.6	109.0#





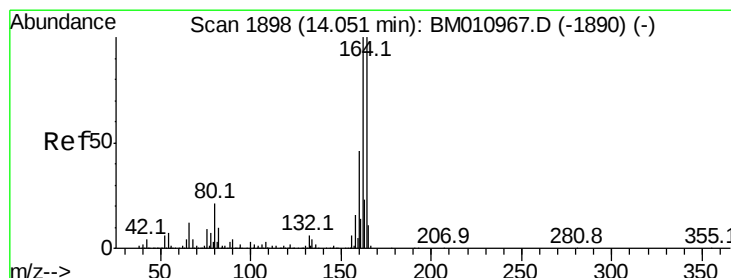
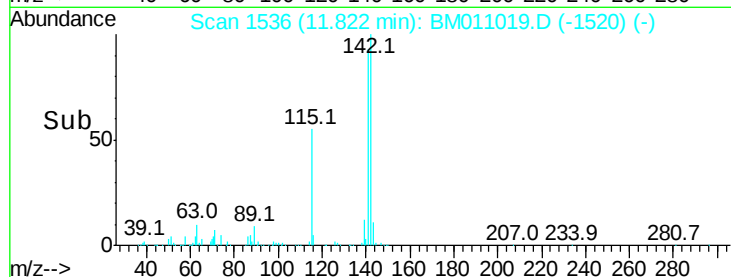
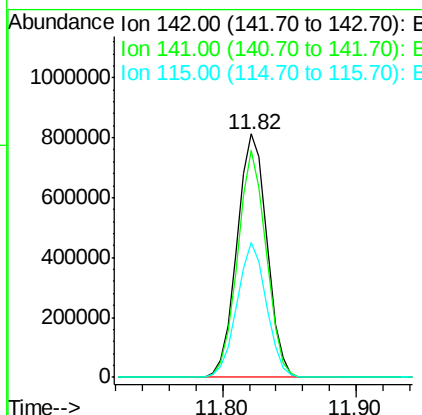
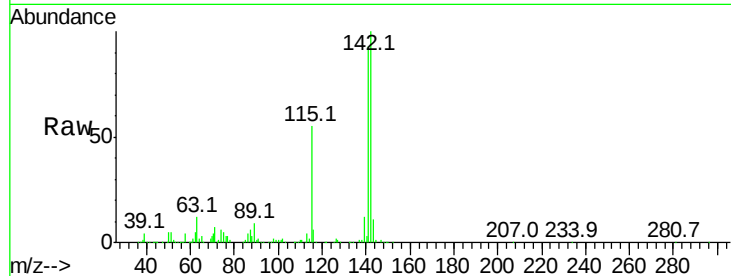
#37
2-Methylnaphthalene
Concen: 41.159 ng
RT: 11.82 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampled :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	71.9	107.9
115	55.3	25.4	38.0

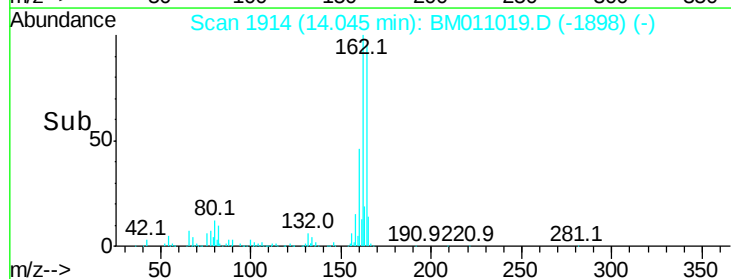
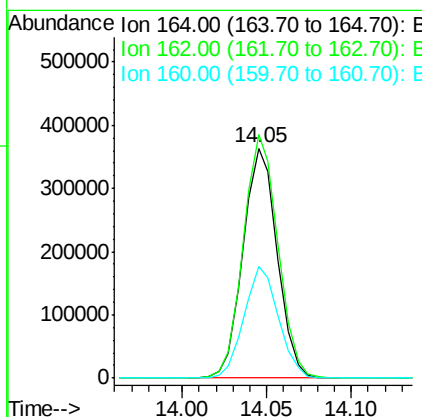
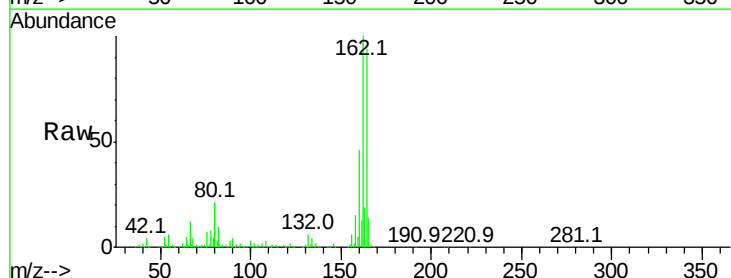
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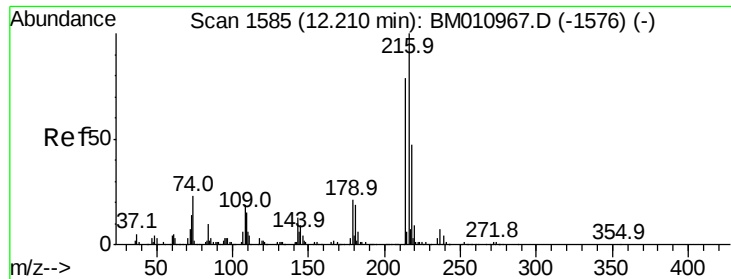
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.05 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	82.4	123.6
160	48.9	35.8	53.6





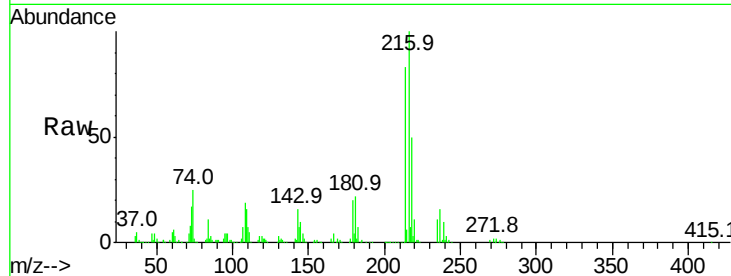
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.892 ng
 RT: 12.20 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	0.0	0.0#
179	20.6	0.0	0.0#
108	22.5	0.0	0.0#

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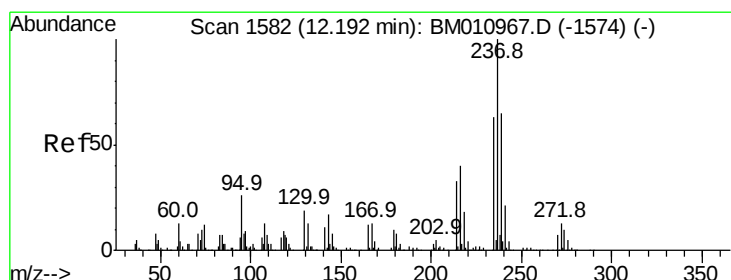
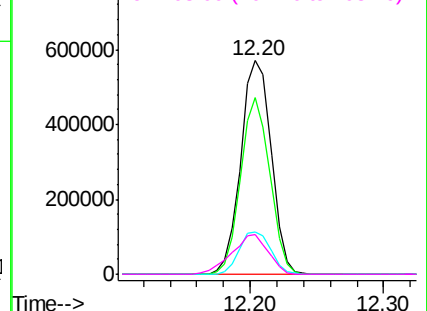
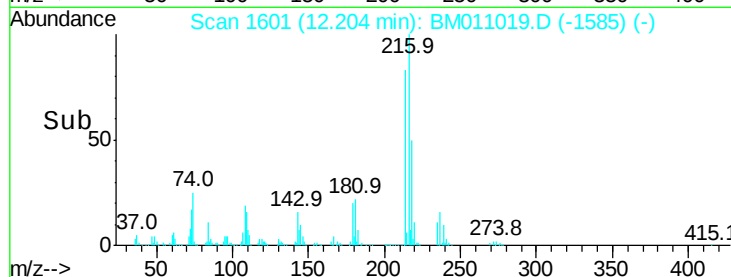


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

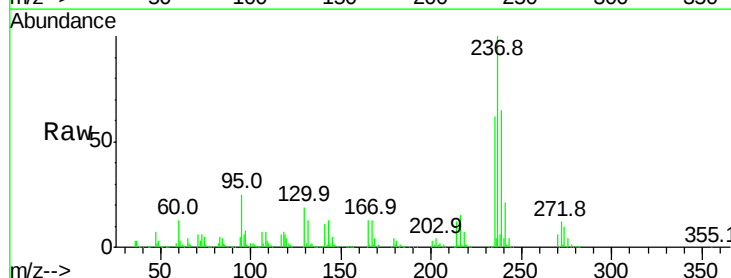
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 90.937 ng
 RT: 12.19 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

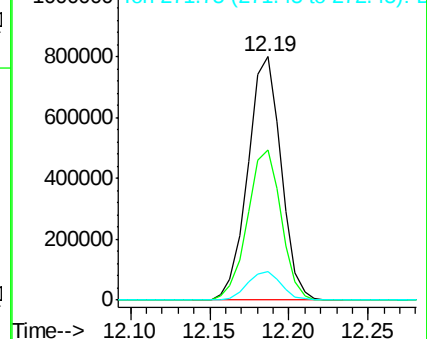
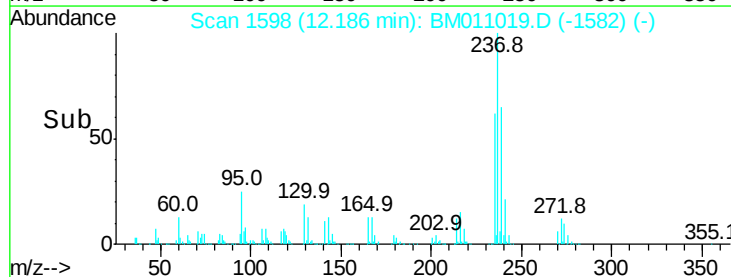
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.7	42.0	82.0
272	12.0	0.0	33.4

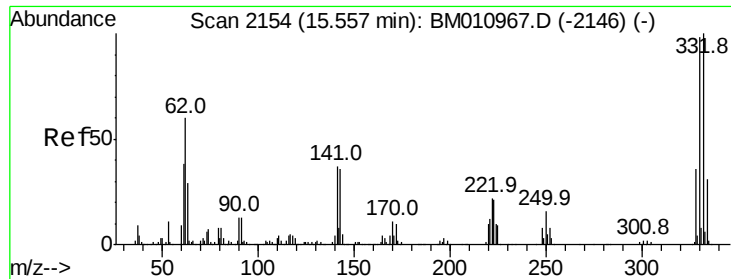


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





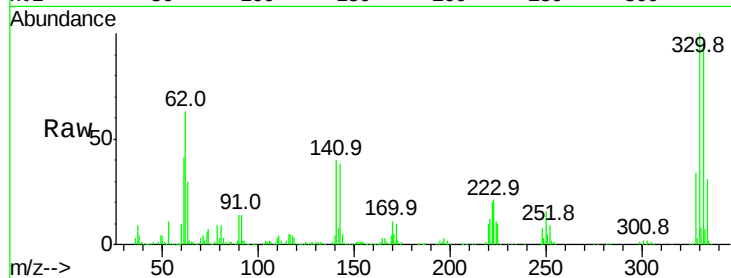
#41
 2,4,6-Tribromophenol
 Concen: 127.112 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Instrument :
 BNA_M
 ClientSampled :
 MW-1MSD

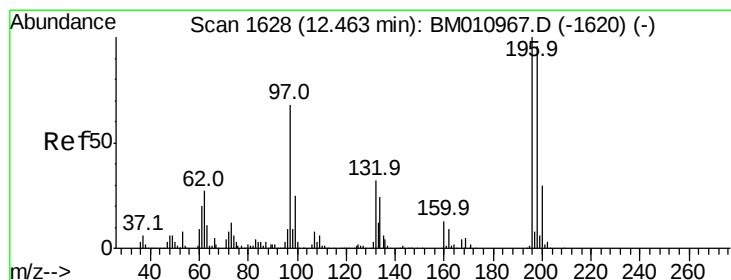
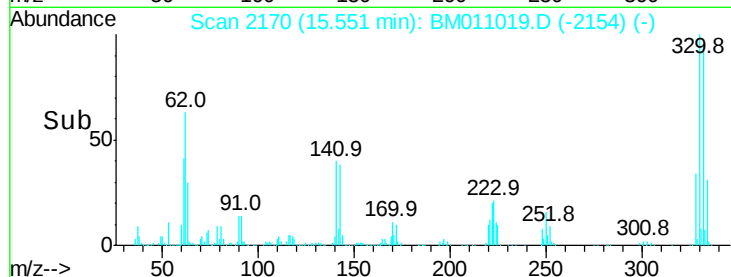
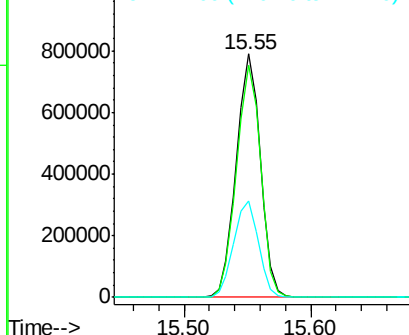
Tot Ion:330 Resp: 1042807
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 40.4 0.0 0.0#

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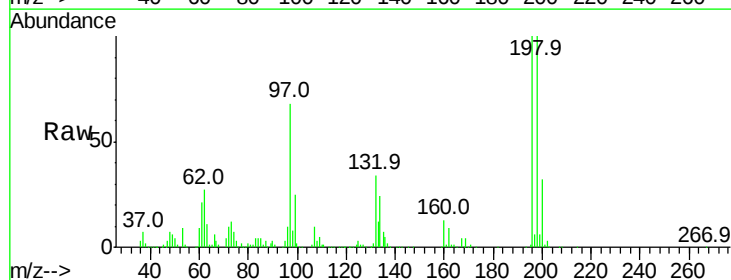


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

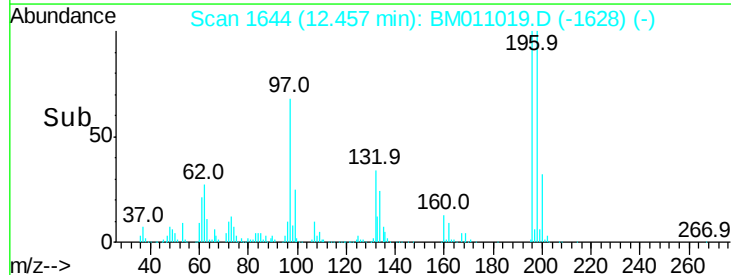
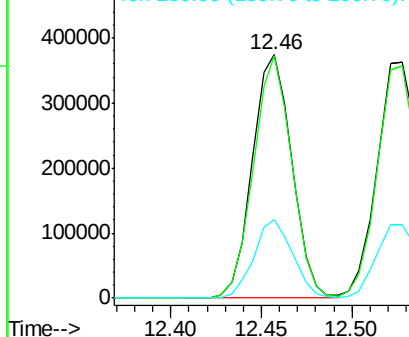


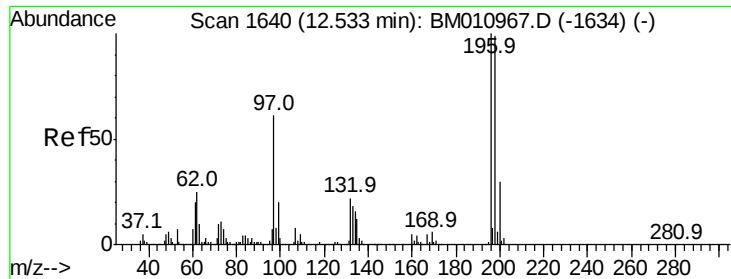
#42
 2,4,6-Trichlorophenol
 Concen: 42.483 ng
 RT: 12.46 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Tgt Ion:196 Resp: 565453
 Ion Ratio Lower Upper
 196 100
 198 99.7 76.3 114.5
 200 32.1 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





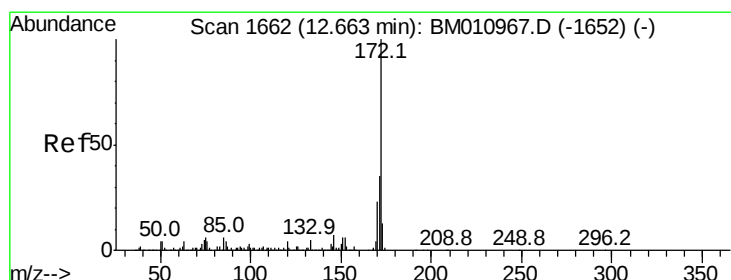
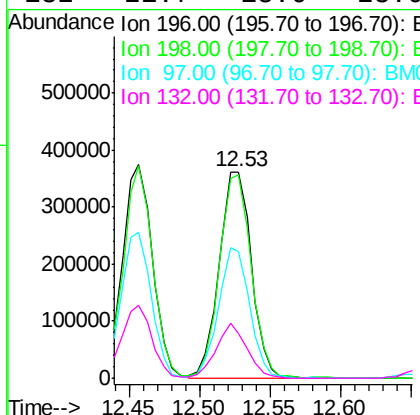
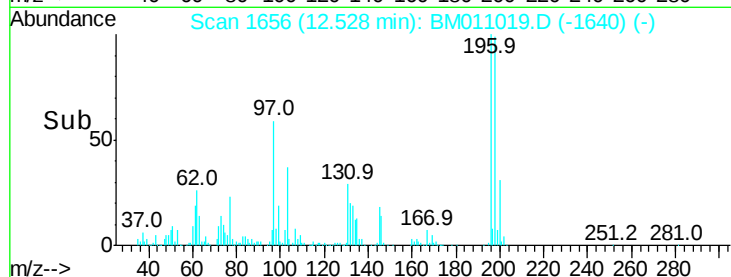
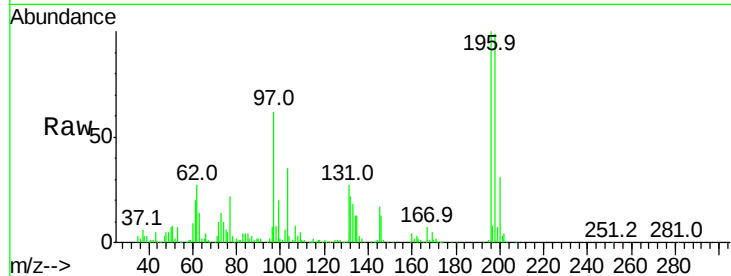
#43
2,4,5-Trichlorophenol
Concen: 41.925 ng
RT: 12.53 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampled :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	574739		
198	98.7	79.4	119.0	
97	61.6	26.8	40.2	
132	21.7	18.6	28.0	

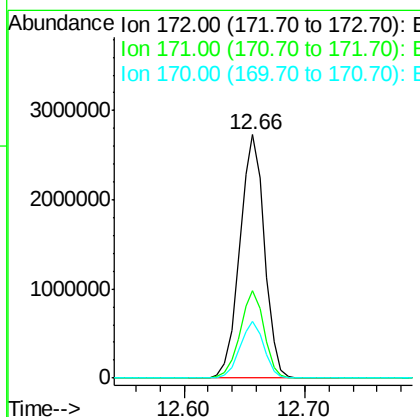
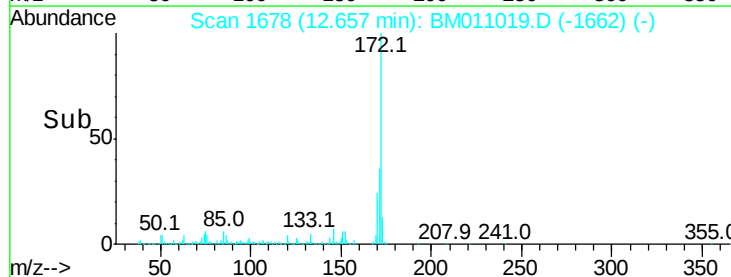
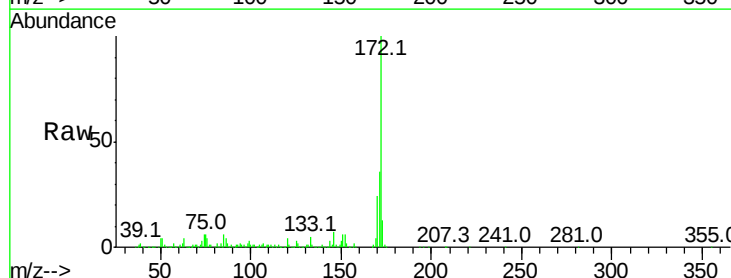
Manual Integrations
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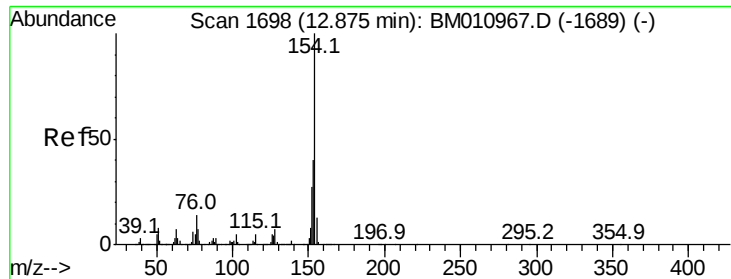
Sohil
7/28/2017 4:45:01 PM



#44
2-Fluorobiphenyl
Concen: 94.809 ng
RT: 12.66 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3869428		
171	35.8	28.5	42.7	
170	23.5	18.8	28.2	





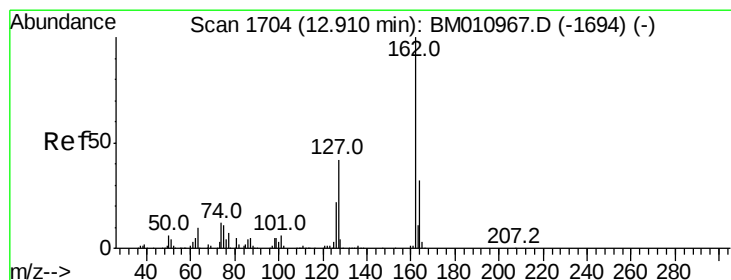
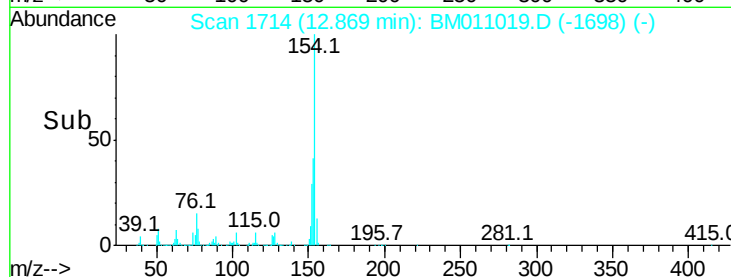
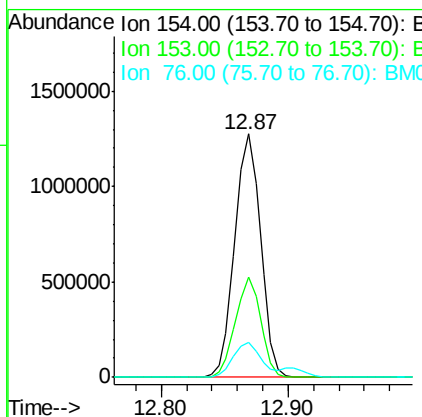
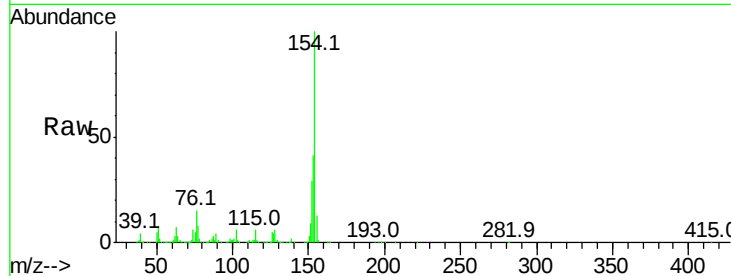
#45
 1,1'-Biphenyl
 Concen: 40.639 ng
 RT: 12.87 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.7	60.7
76	14.5	0.0	30.9

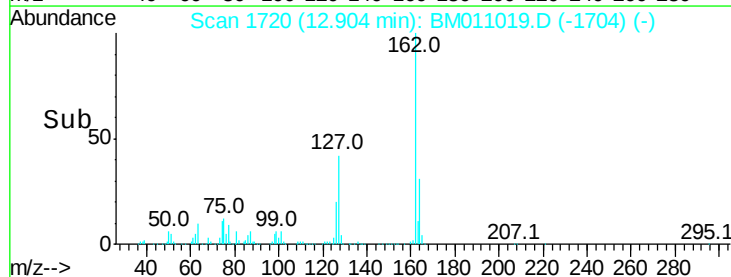
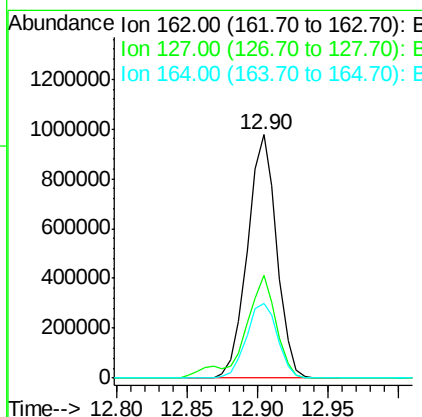
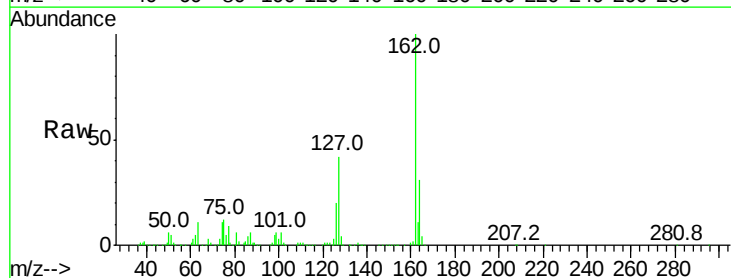
Manual Integrations
 APPROVED

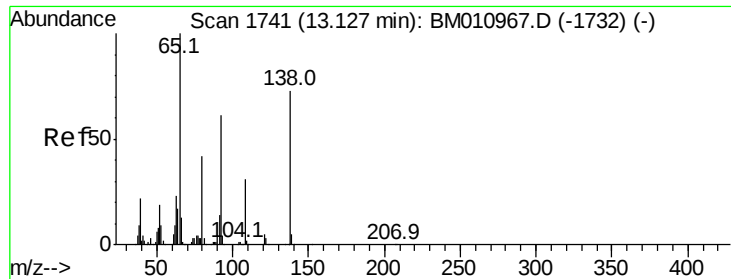
Sohil
 7/28/2017 4:45:01 PM



#46
 2-Chloronaphthalene
 Concen: 43.426 ng
 RT: 12.90 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.3	26.9	40.3#
164	30.9	26.8	40.2





#47

2-Nitroaniline

Concen: 45.770 ng

RT: 13.12 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

Tot Ion: 65 Resp: 528016

Ion Ratio Lower Upper

65 100

92 61.8 59.1 88.7

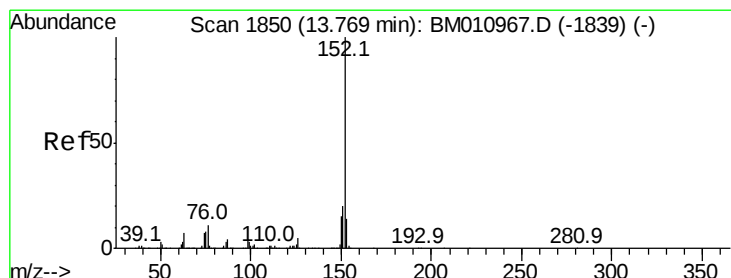
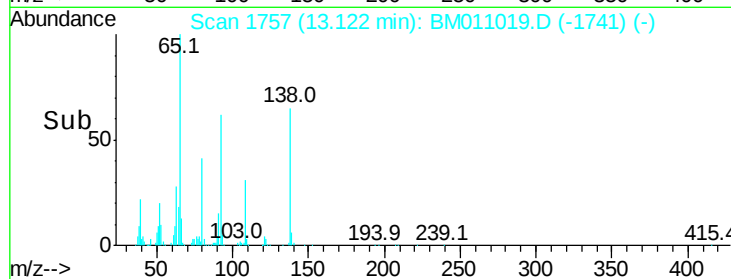
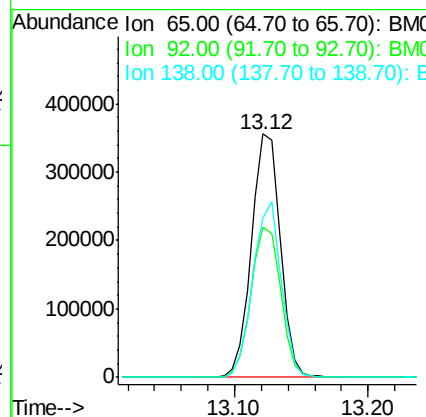
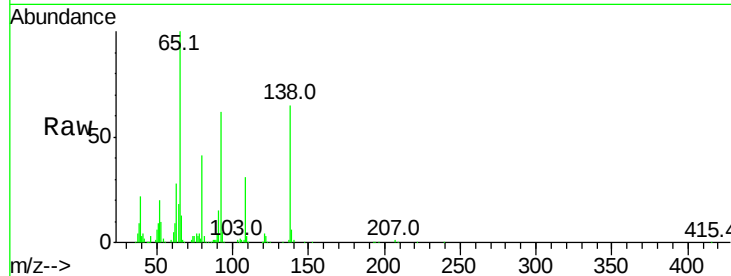
138 65.1 93.9 140.9#

Manual Integrations

APPROVED

Sohil

7/28/2017 4:45:01 PM



#48

Acenaphthylene

Concen: 43.334 ng

RT: 13.76 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

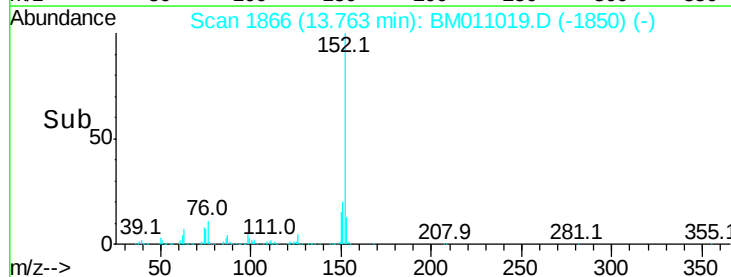
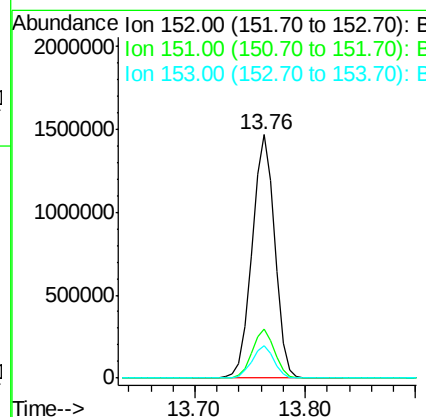
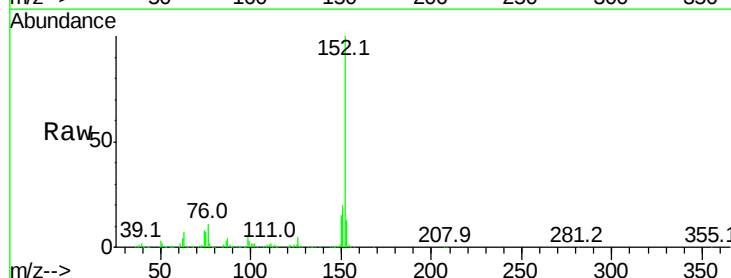
Tgt Ion: 152 Resp: 2108878

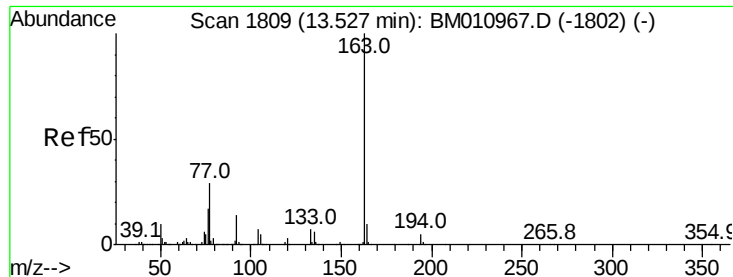
Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.4 10.6 16.0





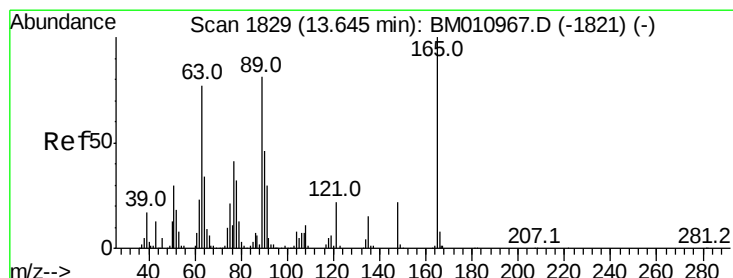
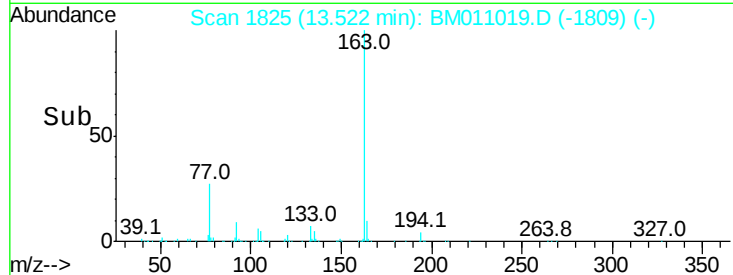
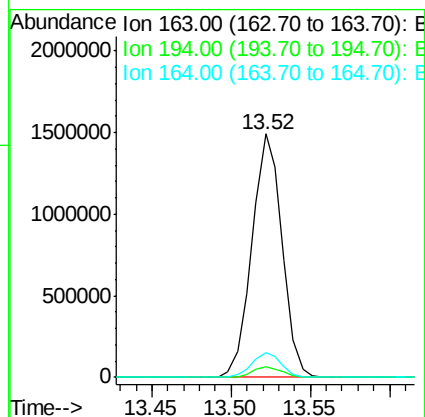
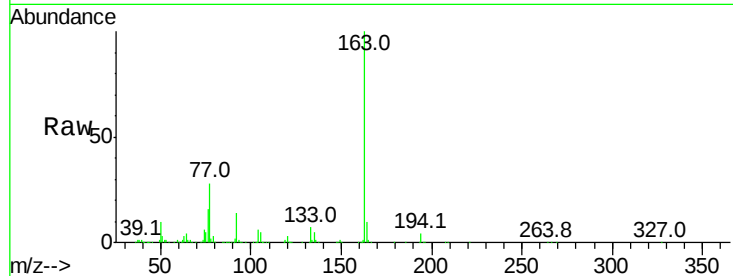
#49
Dimethylphthalate
Concen: 44.899 ng
RT: 13.52 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	10.1	8.2	12.2

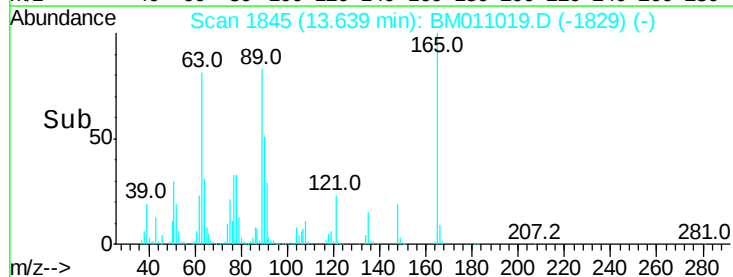
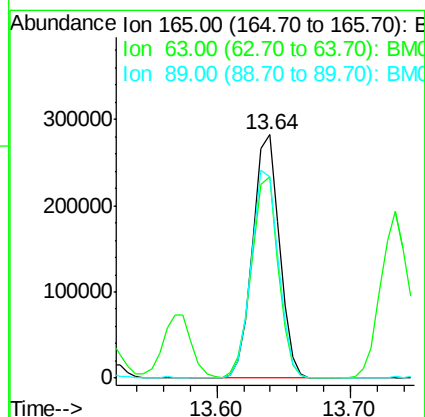
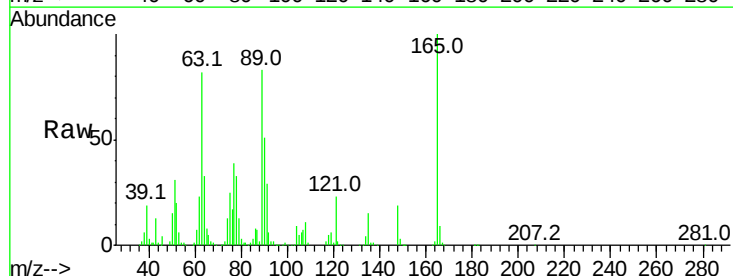
Manual Integrations
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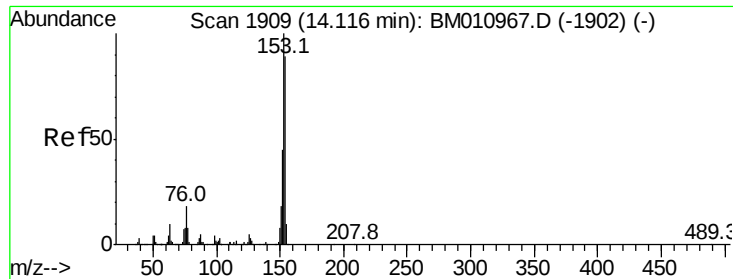
Sohil
7/28/2017 4:45:01 PM



#50
2,6-Dinitrotoluene
Concen: 43.744 ng
RT: 13.64 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	82.5	44.1	66.1#
89	82.7	44.3	66.5#





#51

Acenaphthene

Concen: 43.106 ng

RT: 14.11 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

ClientSampled :

MW-1MSD

Tot Ion:154 Resp: 1298908

Ion Ratio Lower Upper

154 100

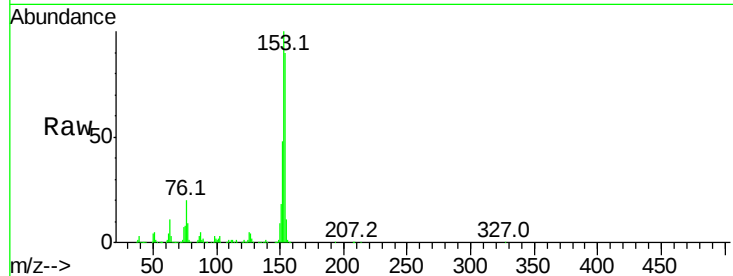
153 111.4 90.0 135.0

152 53.2 42.6 63.8

Manual Integrations
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Sohil

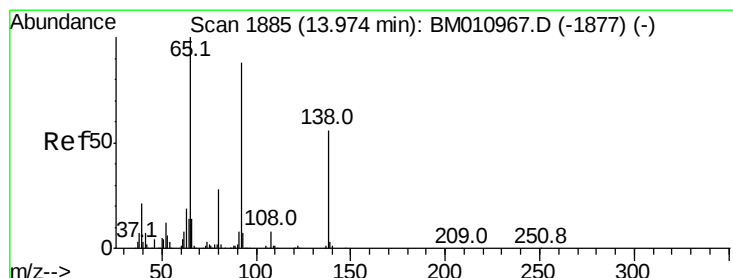
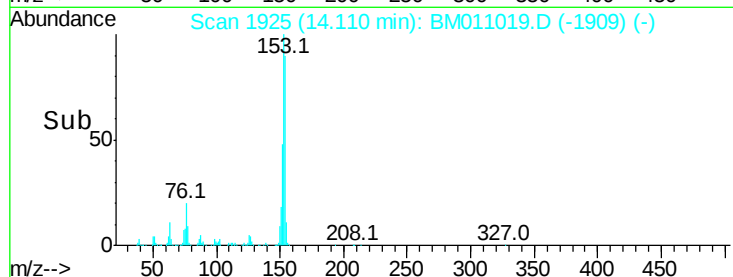
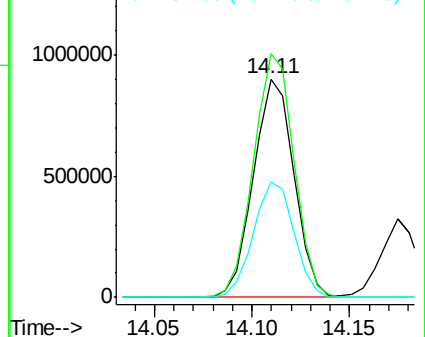
7/28/2017 4:45:01 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.742 ng

RT: 13.97 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

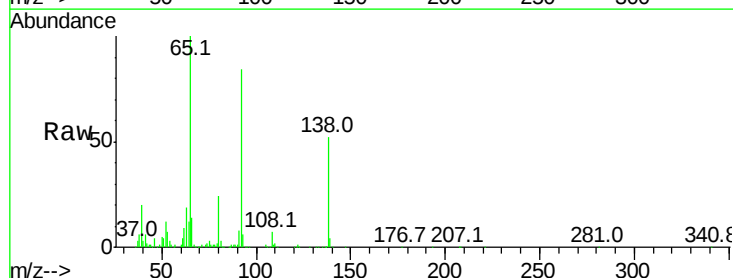
Tgt Ion:138 Resp: 282311

Ion Ratio Lower Upper

138 100

108 13.8 7.3 10.9#

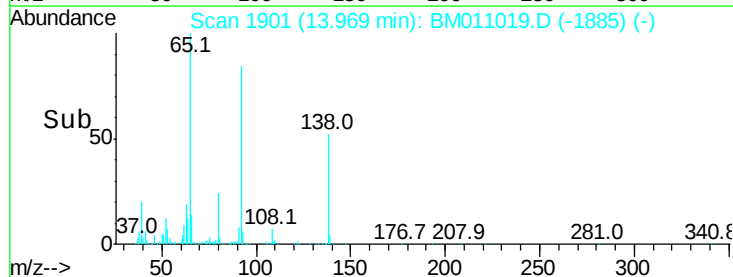
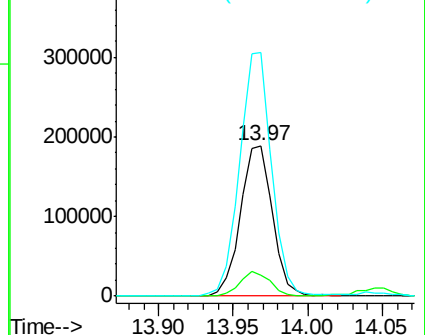
92 161.9 76.6 114.8#

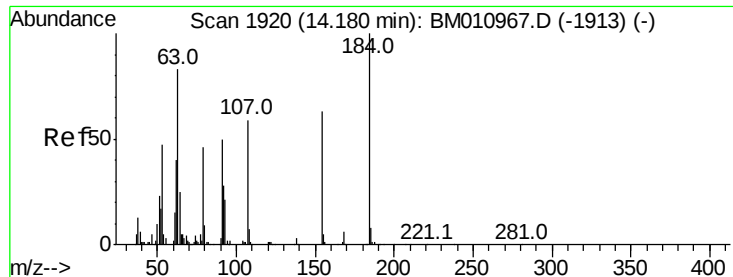


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





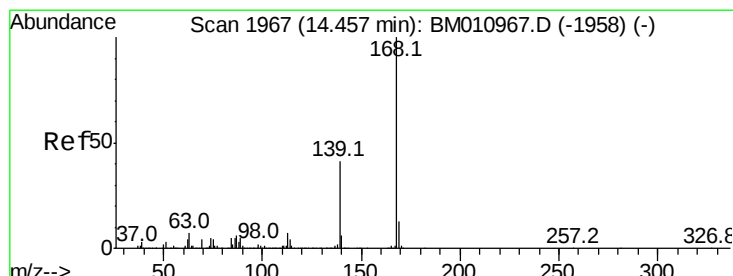
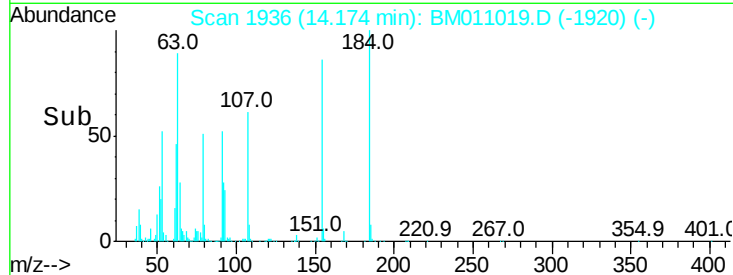
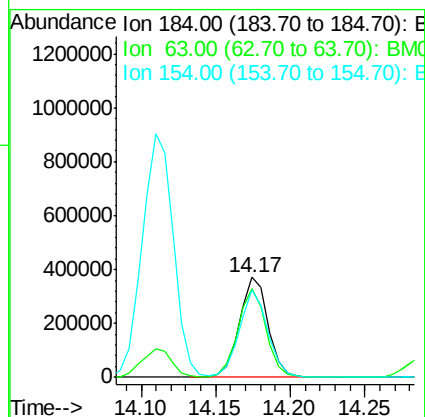
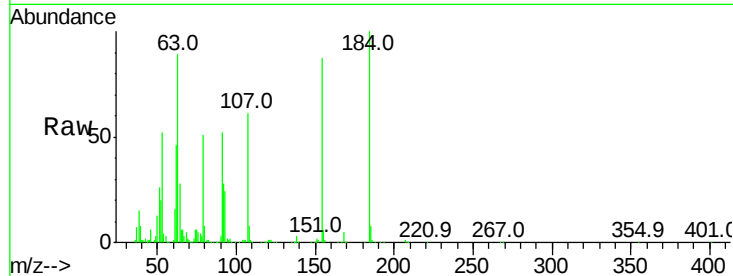
#53
2,4-Dinitrophenol
Concen: 78.864 ng
RT: 14.17 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	89.1	69.2	103.8
154	87.1	53.3	79.9#

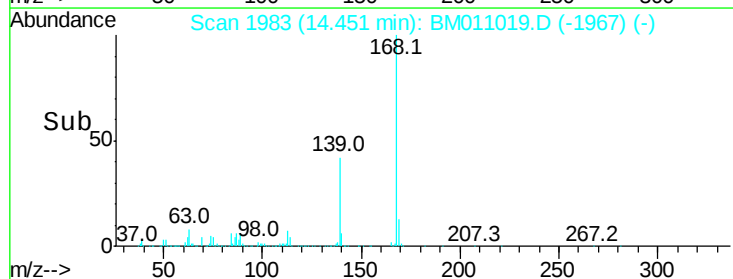
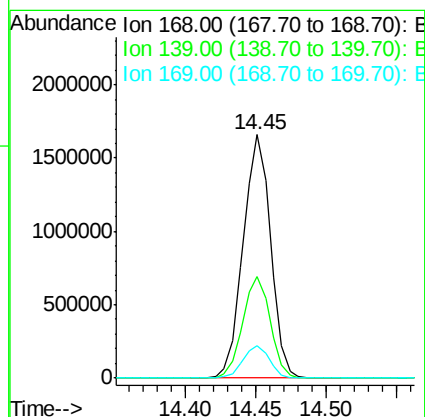
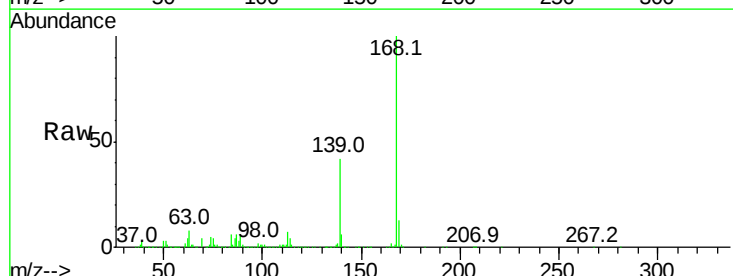
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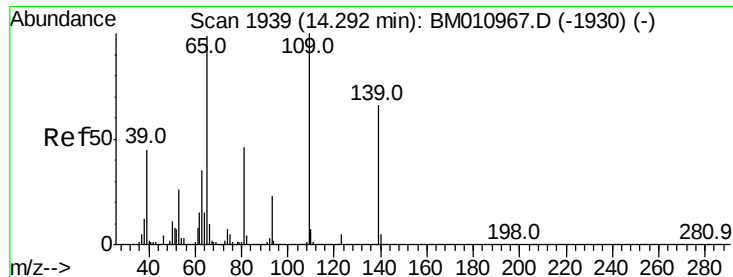
Sohil
7/28/2017 4:45:01 PM



#54
Dibenzofuran
Concen: 46.161 ng
RT: 14.45 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.8	27.3	40.9#
169	13.4	10.6	16.0





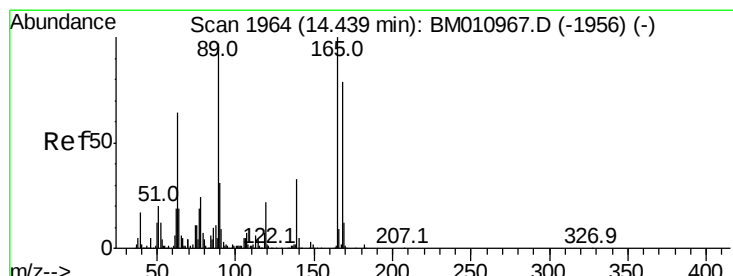
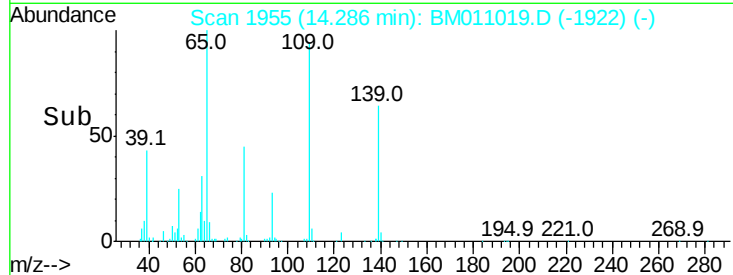
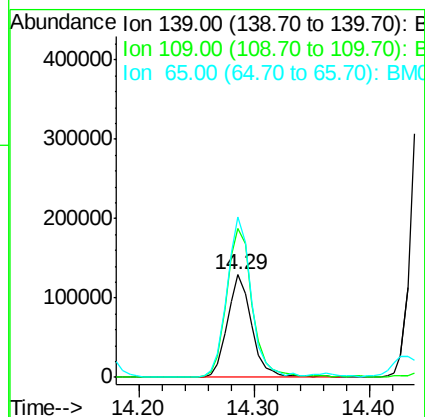
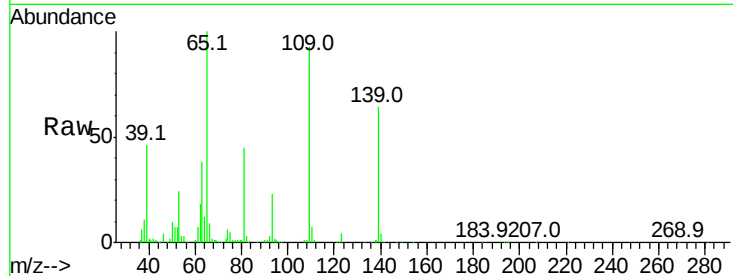
#55
4-Nitrophenol
Concen: 28.184 ng
RT: 14.29 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	145.5	130.0	170.0	
65	156.6	130.0	170.0	

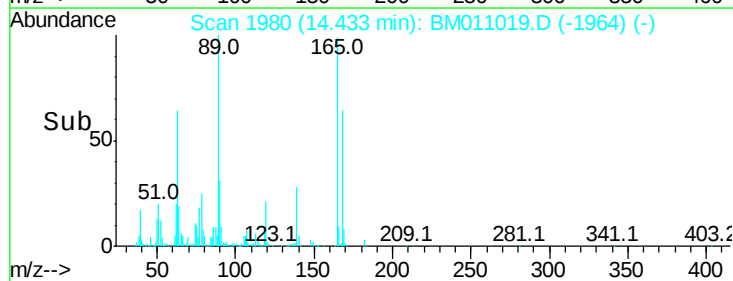
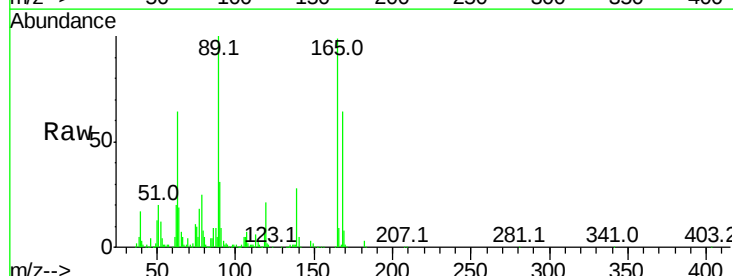
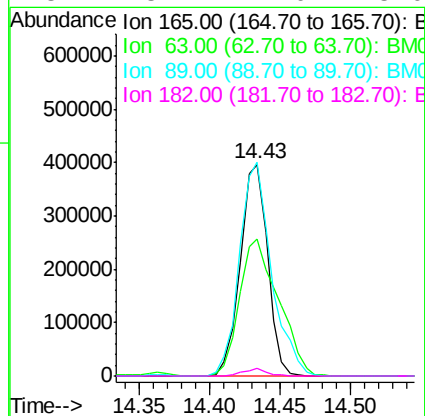
Manual Integrations
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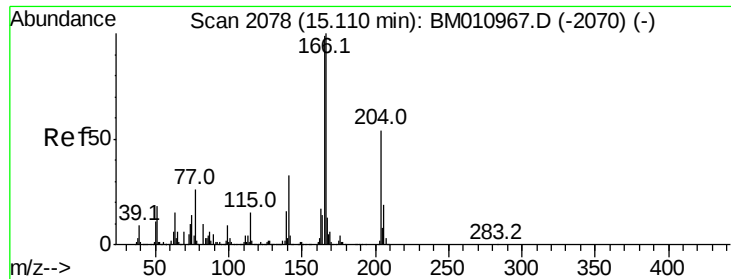
Sohil
7/28/2017 4:45:01 PM



#56
2,4-Dinitrotoluene
Concen: 42.984 ng
RT: 14.43 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.9	52.4	78.6	
89	101.1	72.4	108.6	
182	3.4	2.0	3.0	#





#57

Fluorene

Concen: 42.596 ng

RT: 15.10 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

Tot Ion:166 Resp: 1810752

Ion Ratio Lower Upper

166 100

165 94.6 79.0 118.4

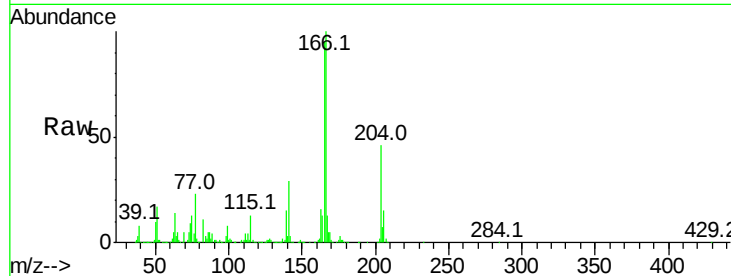
167 13.0 10.3 15.5

Manual Integrations

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Sohil

7/28/2017 4:45:01 PM

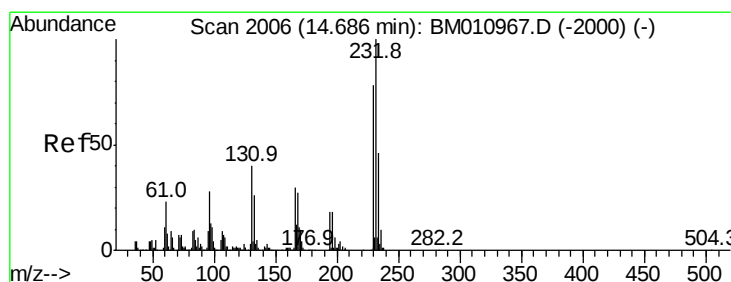
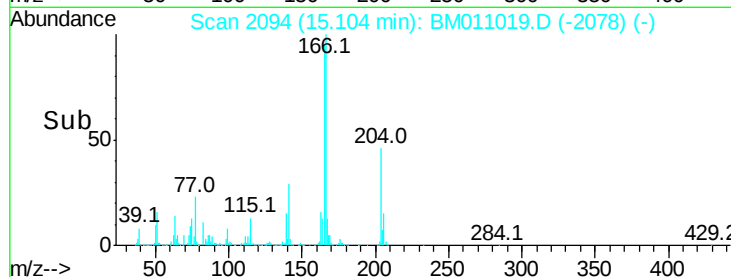
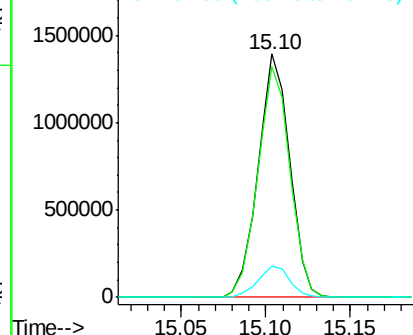


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.003 ng

RT: 14.69 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Tgt Ion:232 Resp: 578267

Ion Ratio Lower Upper

232 100

131 39.5 0.0 0.0#

130 2.7 0.0 0.0#

166 28.3 0.0 0.0#

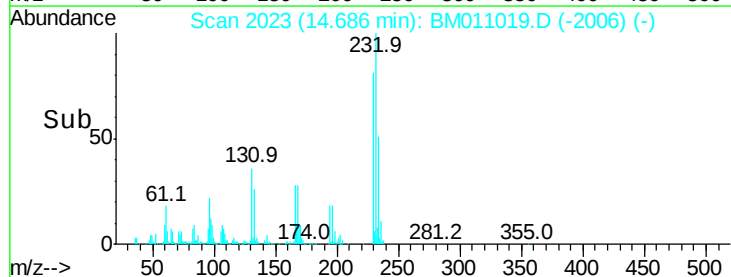
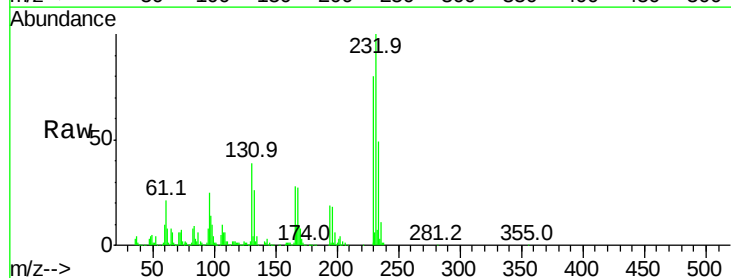
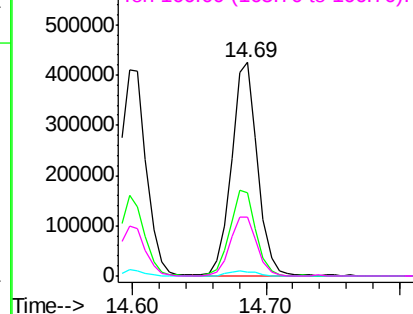
Abundance

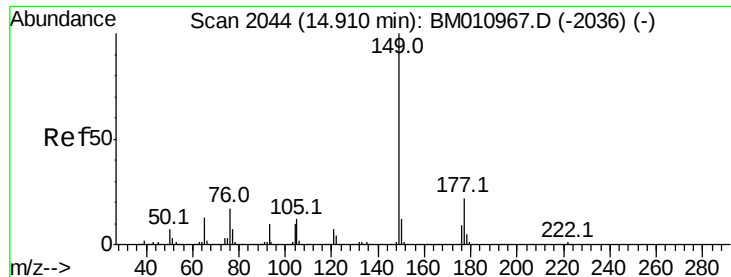
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





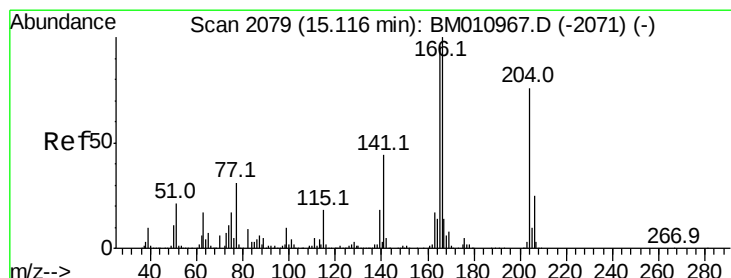
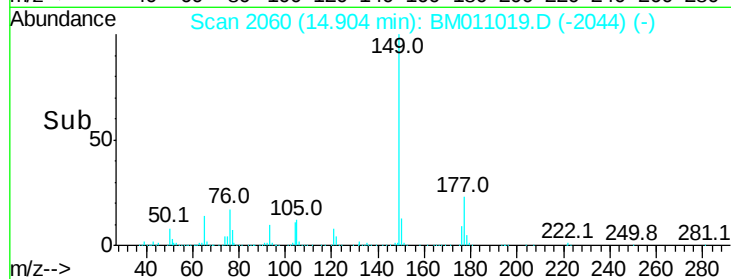
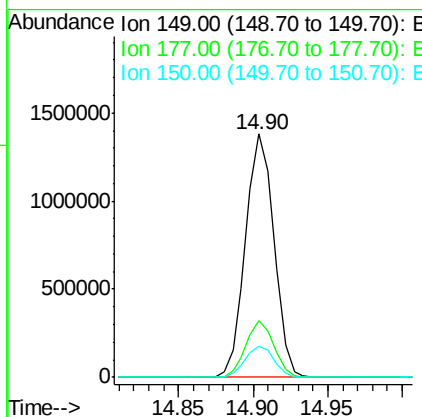
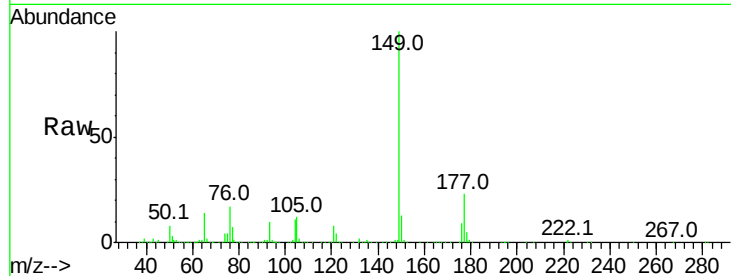
#59
 Diethylphthalate
 Concen: 40.679 ng
 RT: 14.90 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.3	27.5
150	13.0	9.8	14.8

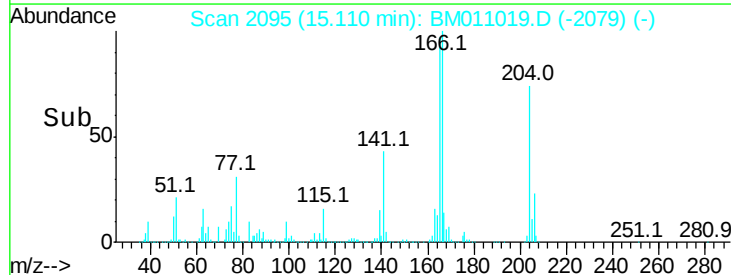
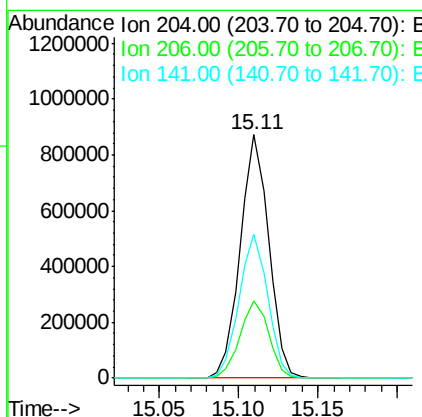
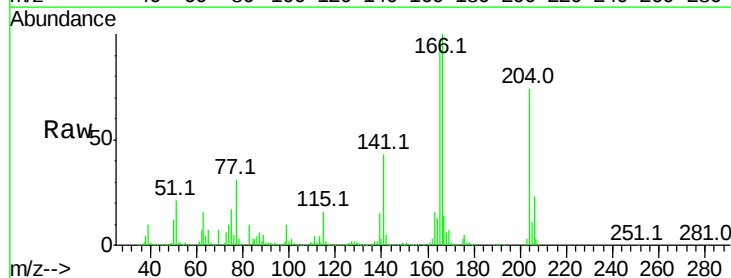
Manual Integrations
 APPROVED

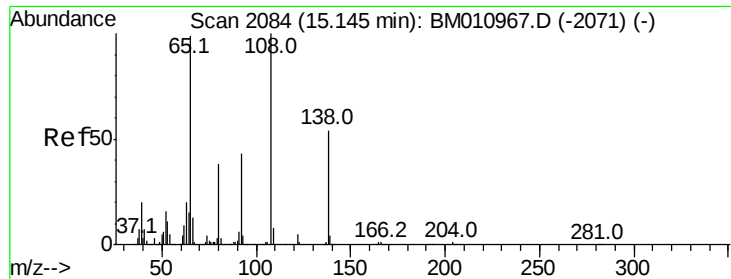
Sohil
 7/28/2017 4:45:01 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 42.570 ng
 RT: 15.11 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.6	39.8
141	58.9	45.2	67.8





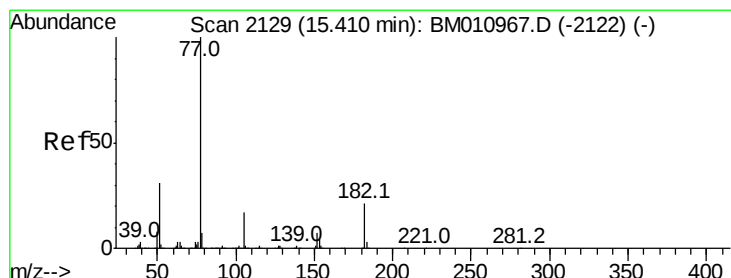
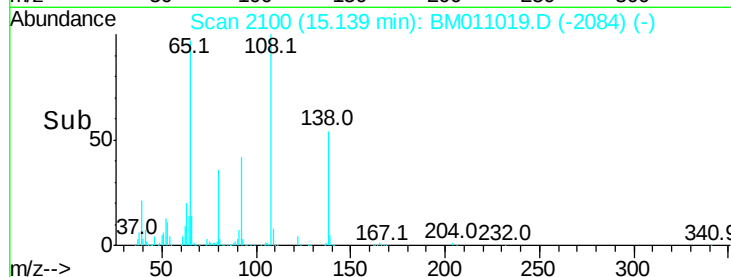
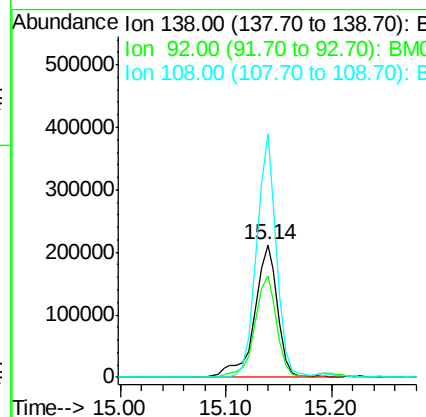
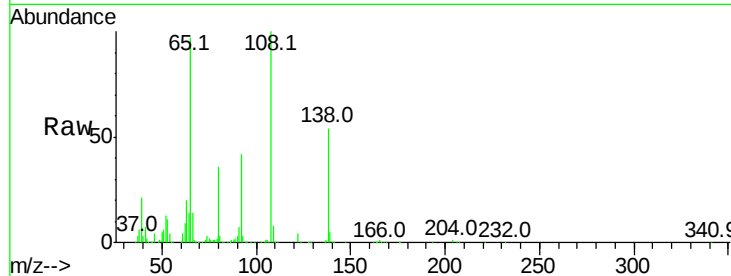
#61
4-Nitroaniline
Concen: 40.204 ng
RT: 15.14 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampled :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	76.5	16.7	56.7#
108	183.8	37.6	77.6#

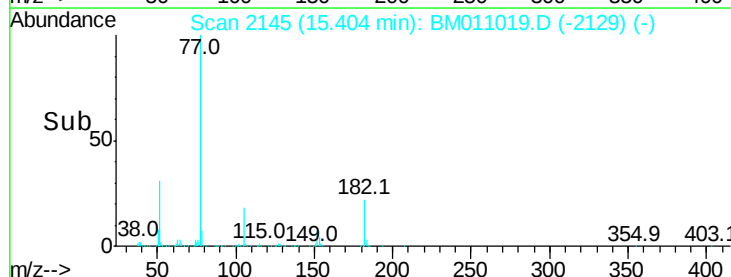
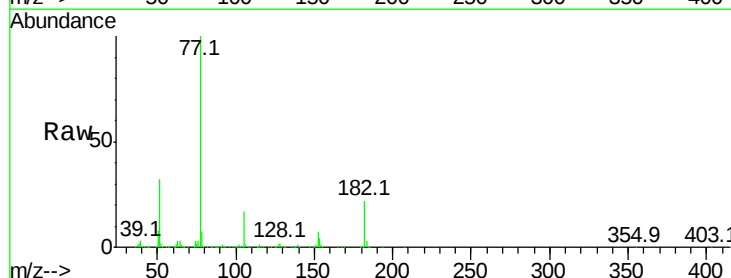
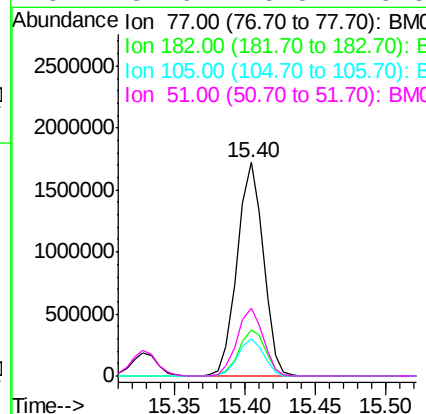
Manual Integrations
APPROVED

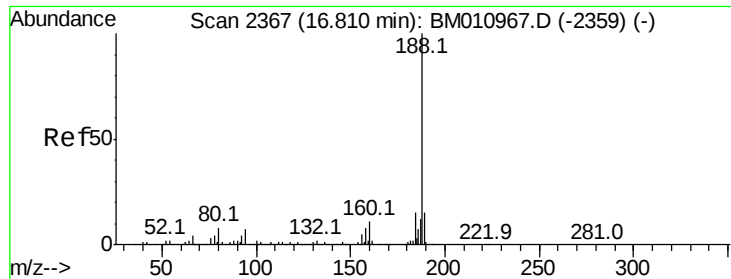
Sohil
7/28/2017 4:45:01 PM



#62
Azobenzene
Concen: 46.499 ng
RT: 15.40 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.8	6.5	46.5
105	17.5	3.8	43.8
51	31.6	5.5	45.5





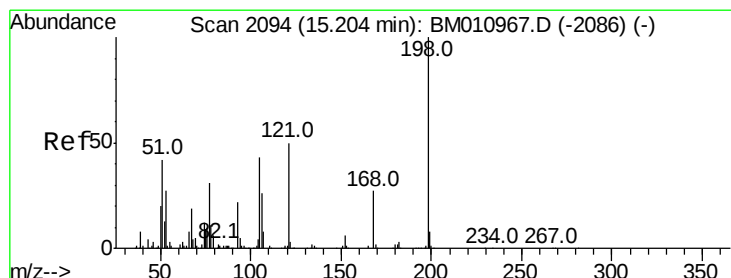
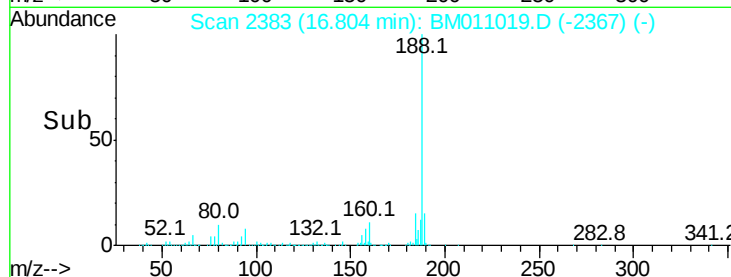
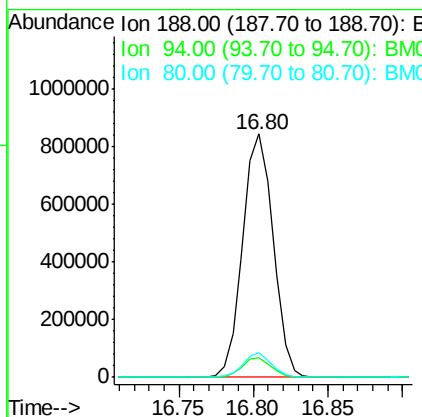
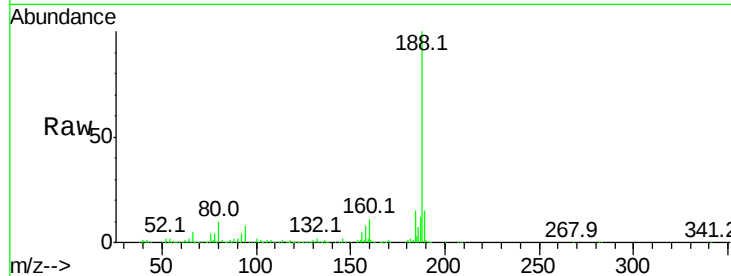
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampled :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.7	13.1#
80	10.2	9.3	13.9

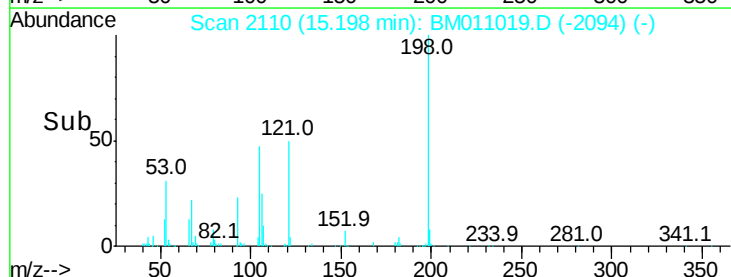
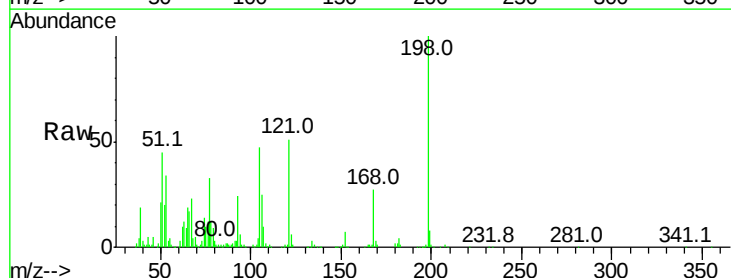
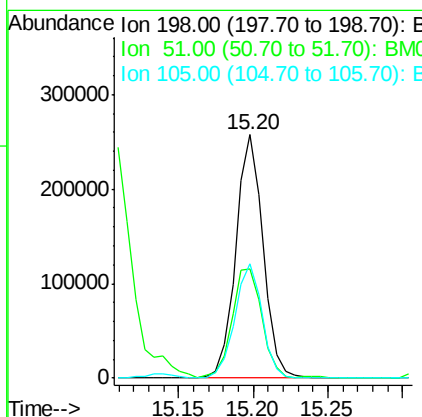
Manual Integrations
APPROVED

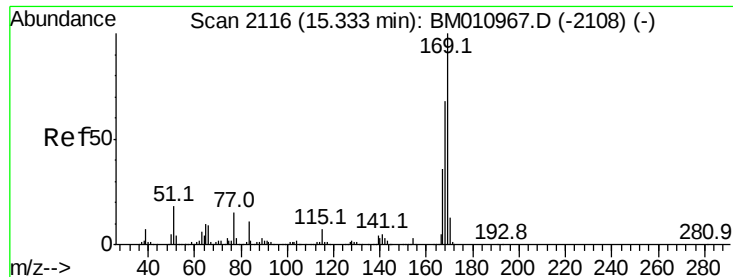
Sohil
7/28/2017 4:45:01 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.574 ng
RT: 15.20 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.0	28.8	68.8
105	46.9	30.5	70.5





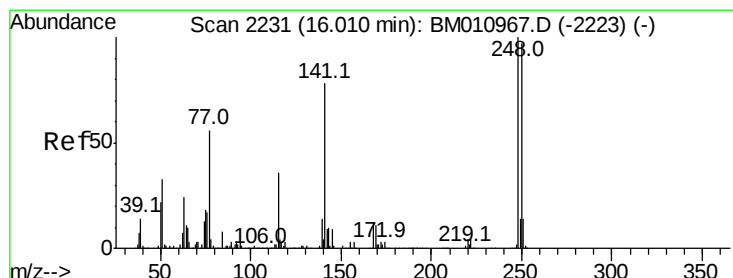
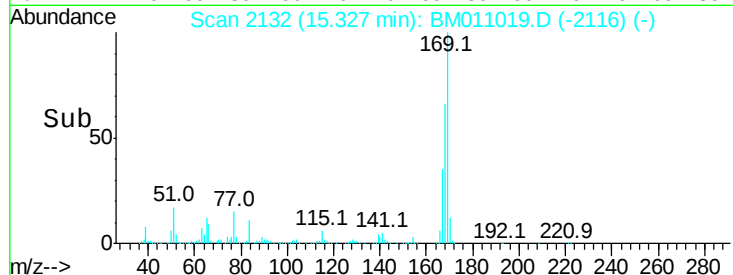
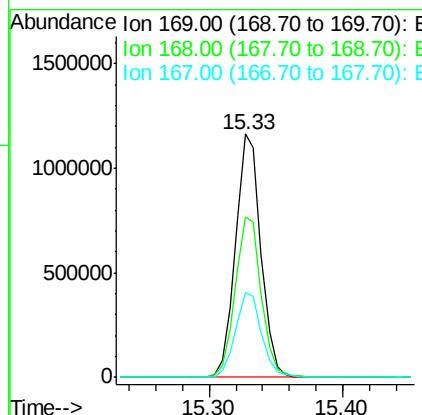
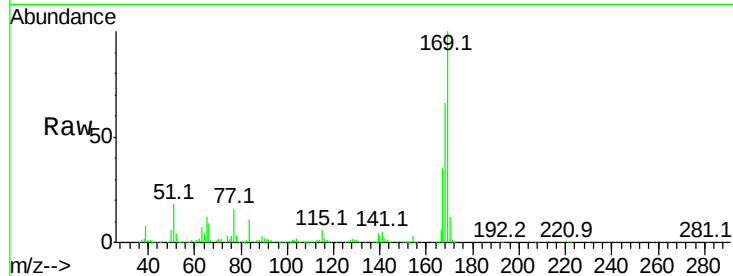
#65
n-Nitrosodiphenylamine
Concen: 45.123 ng
RT: 15.33 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.9	80.9
167	34.6	28.9	43.3

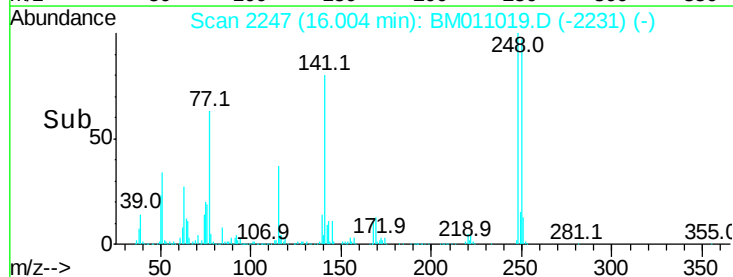
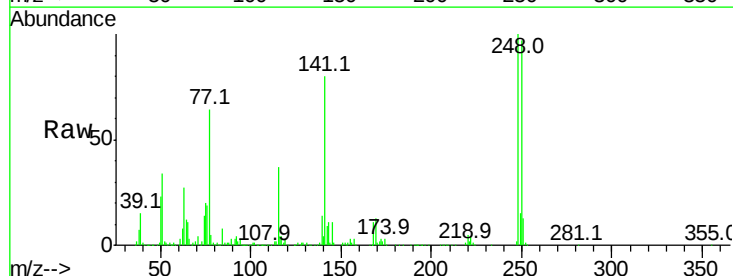
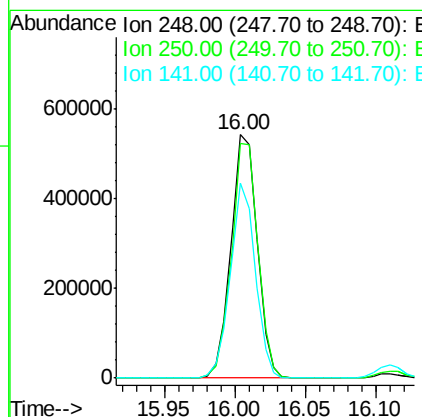
Manual Integrations
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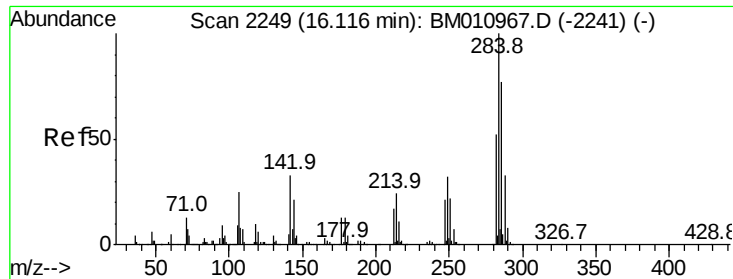
Sohil
7/28/2017 4:45:01 PM



#66
4-Bromophenyl-phenylether
Concen: 46.046 ng
RT: 16.00 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.4	116.0
141	79.9	45.2	67.8





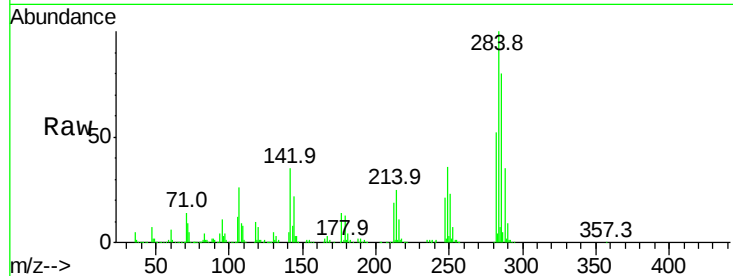
#67
Hexachlorobenzene
Concen: 42.179 ng
RT: 16.11 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

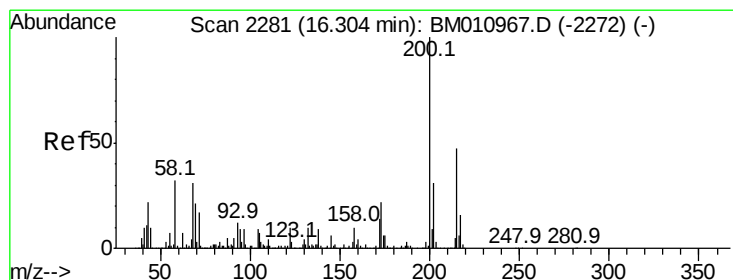
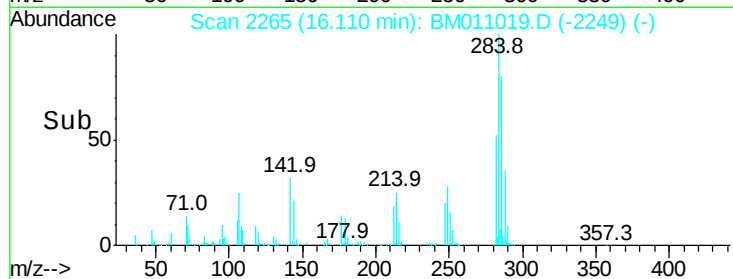
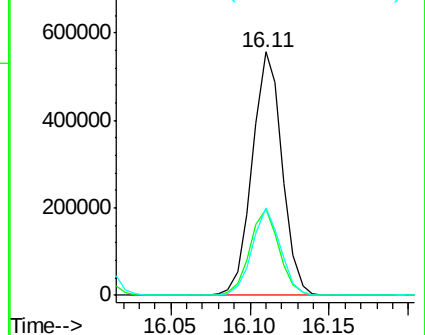
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	35.2	20.4	30.6#
249	36.1	23.8	35.6#

Manual Integrations
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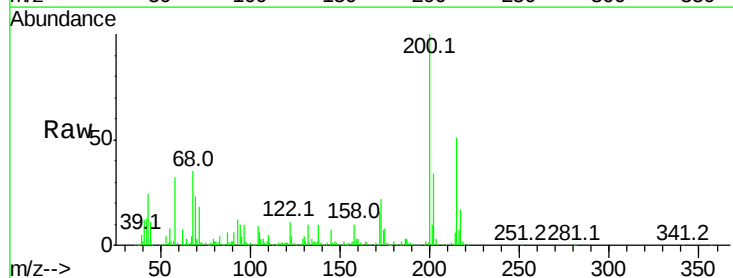


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

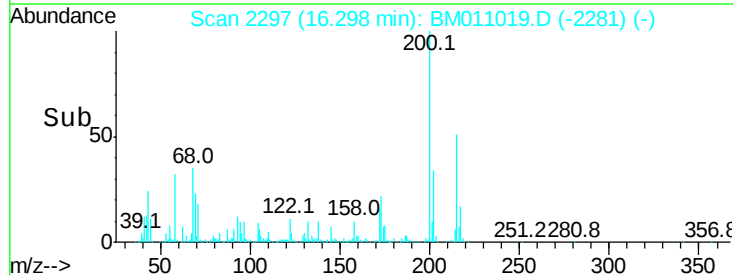
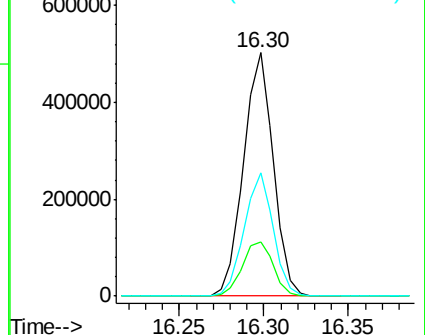


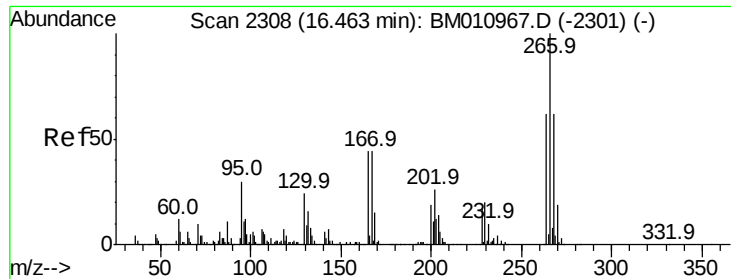
#68
Atrazine
Concen: 45.297 ng
RT: 16.30 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	22.4	4.8	44.8
215	50.5	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





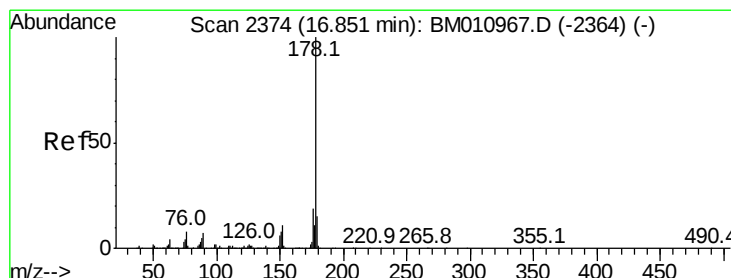
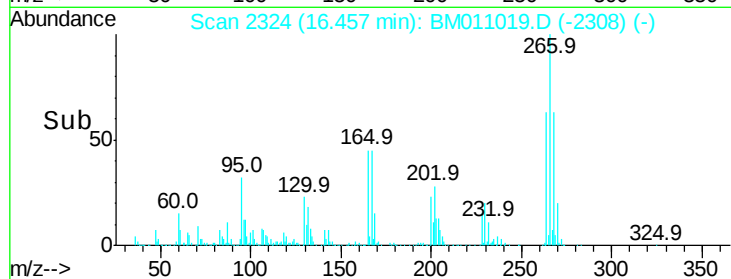
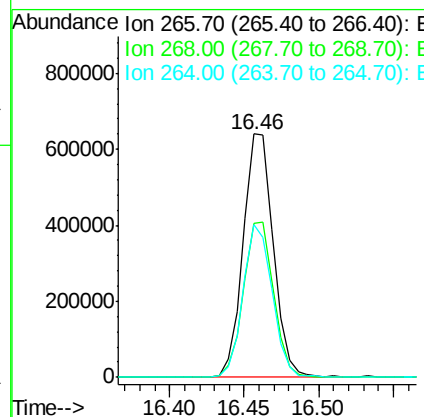
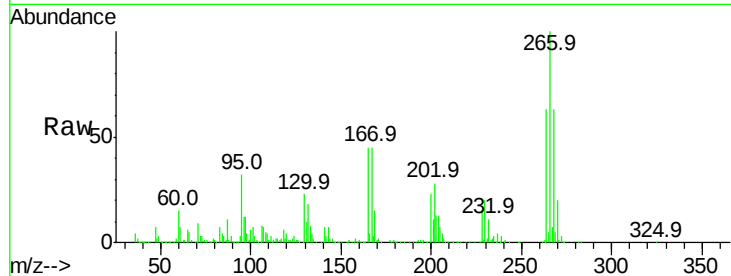
#69
 Pentachlorophenol
 Concen: 81.865 ng
 RT: 16.46 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	899155		
268	63.1	52.0	78.0	
264	62.6	49.0	73.4	

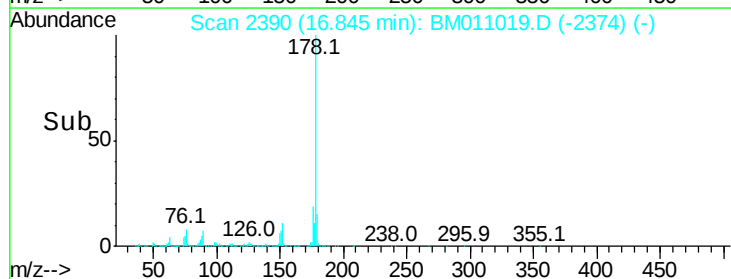
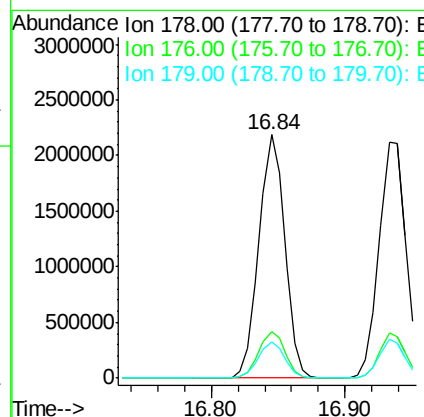
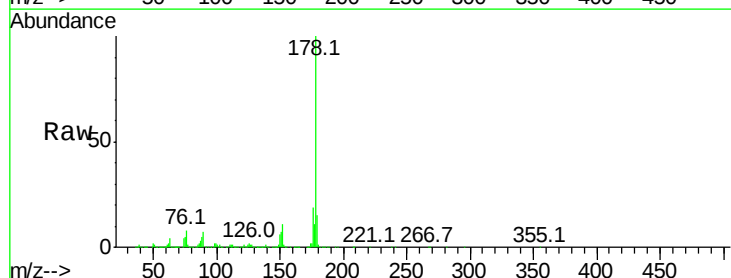
Manual Integrations
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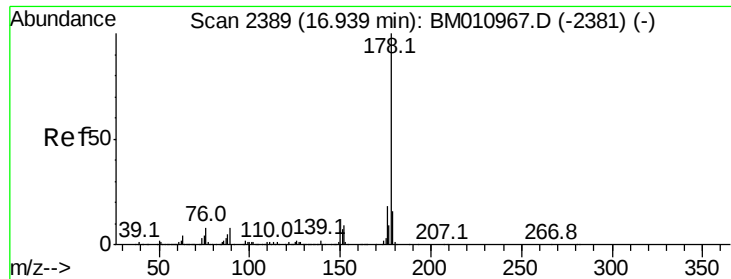
Sohil
 7/28/2017 4:45:01 PM



#70
 Phenanthrene
 Concen: 46.757 ng
 RT: 16.84 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2915726		
176	19.1	15.2	22.8	
179	14.7	12.1	18.1	





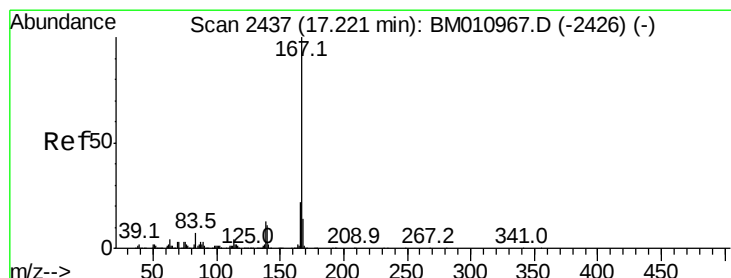
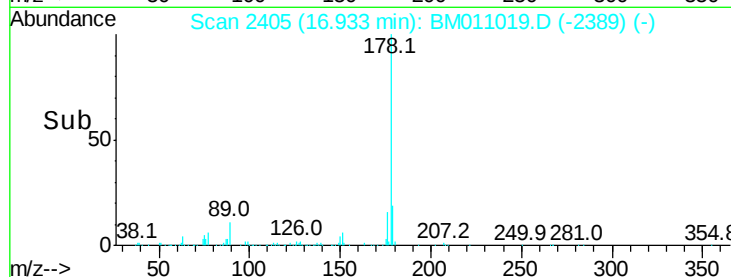
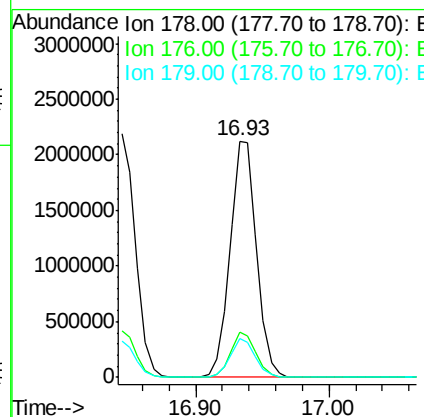
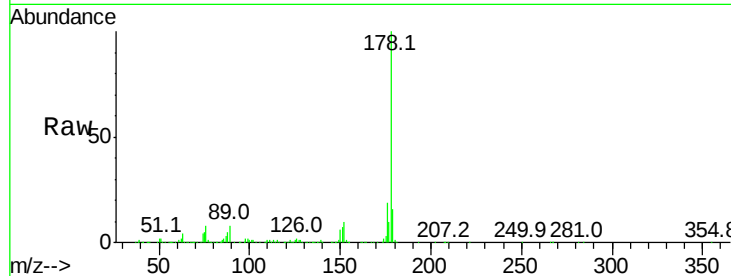
#71
 Anthracene
 Concen: 47.446 ng
 RT: 16.93 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Instrument :
 BNA_M
 ClientSampled :
 MW-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	16.2	12.6	19.0

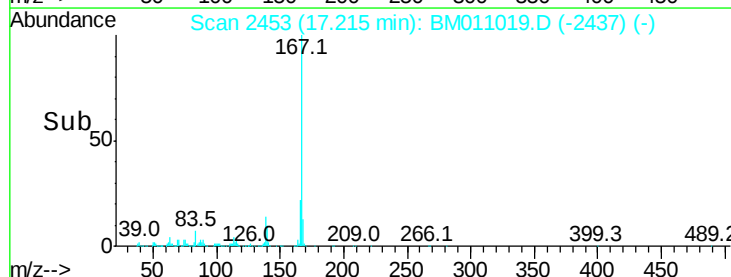
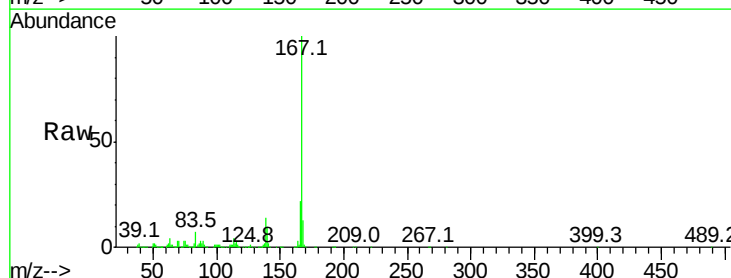
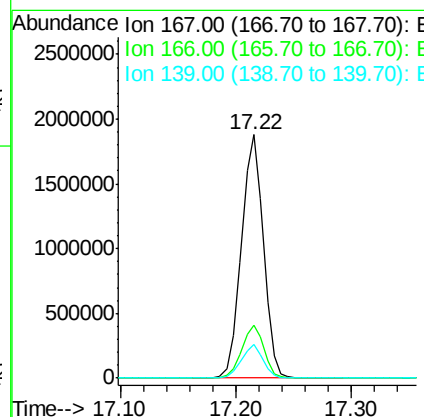
Manual Integrations
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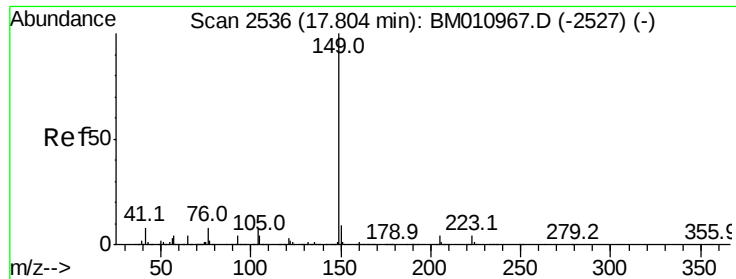
Sohil
 7/28/2017 4:45:01 PM



#72
 Carbazole
 Concen: 45.533 ng
 RT: 17.22 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	13.7	10.8	16.2





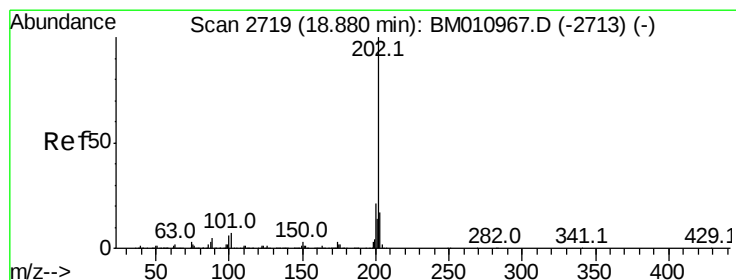
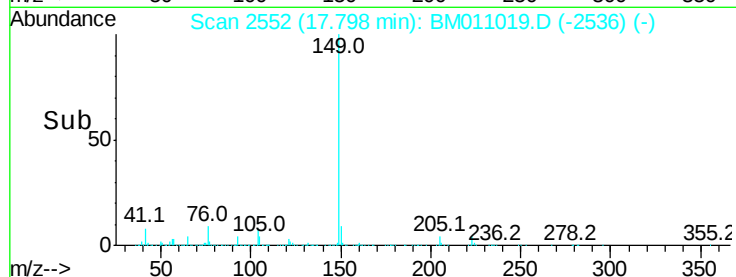
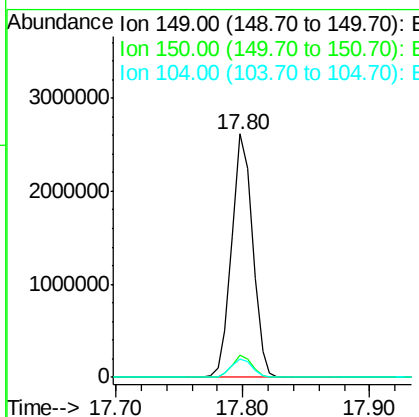
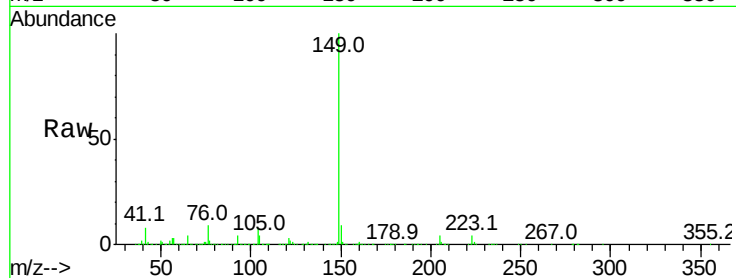
#73
Di-n-butylphthalate
Concen: 44.771 ng
RT: 17.80 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	7.5	3.7	5.5

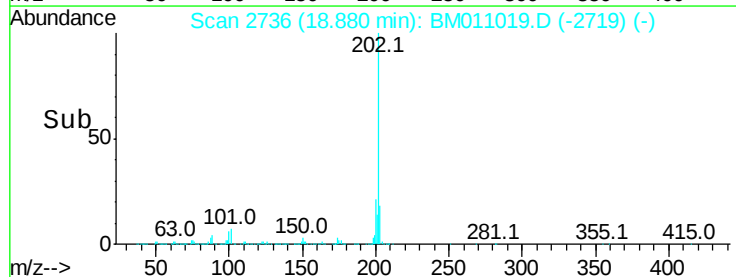
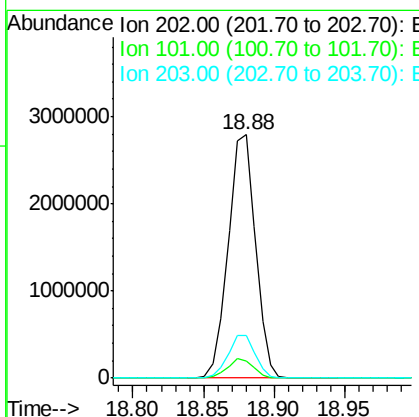
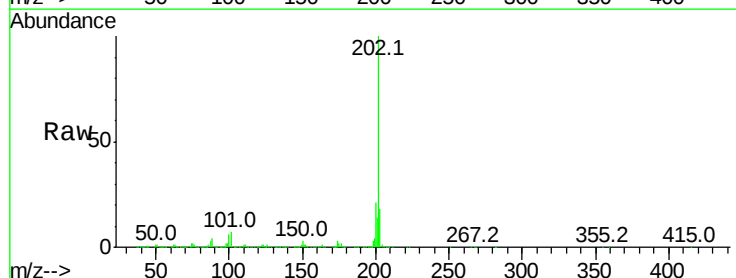
Manual Integrations
APPROVED

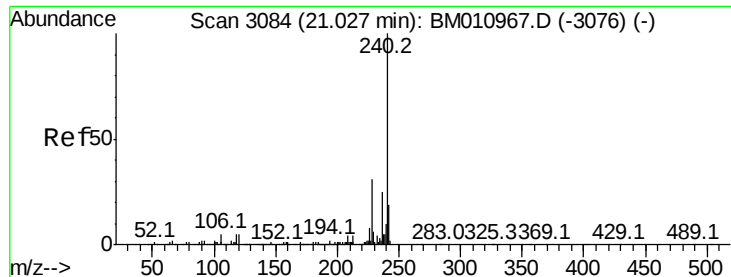
Sohil
7/28/2017 4:45:01 PM



#74
Fluoranthene
Concen: 48.624 ng
RT: 18.88 min Scan# 2736
Delta R.T. 0.00 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	28.7
203	17.6	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.03 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

Tot Ion:240 Resp: 1467451

Ion Ratio Lower Upper

240 100

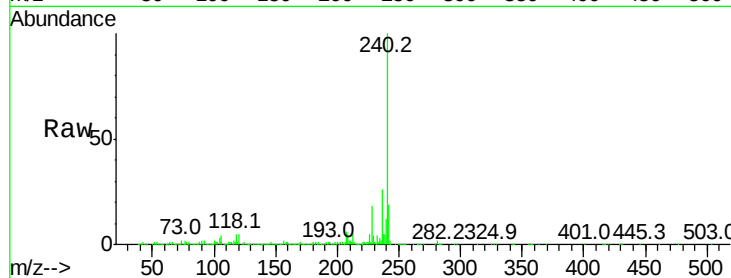
120 5.0 8.2 12.2#

236 25.5 20.0 30.0

Manual Integrations
APPROVED

Sohil

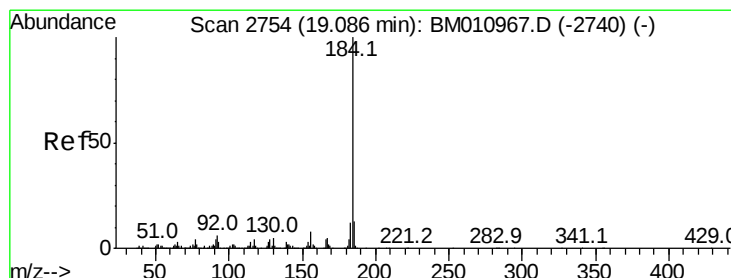
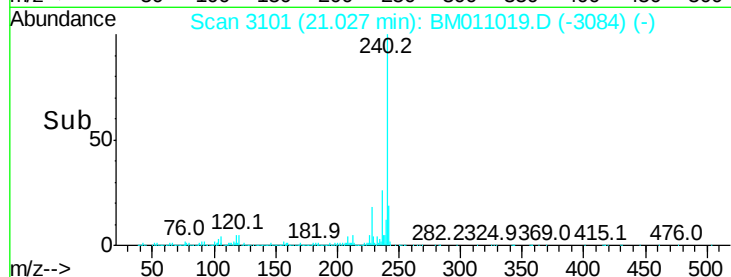
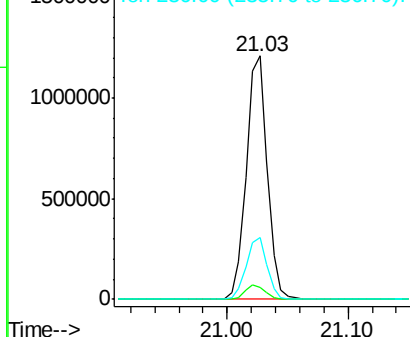
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.433 ng

RT: 19.09 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

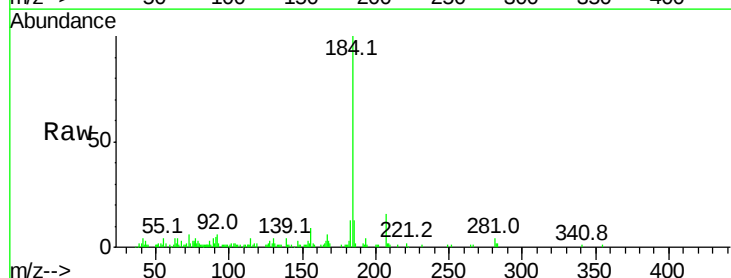
Tgt Ion:184 Resp: 120504

Ion Ratio Lower Upper

184 100

185 13.4 11.3 16.9

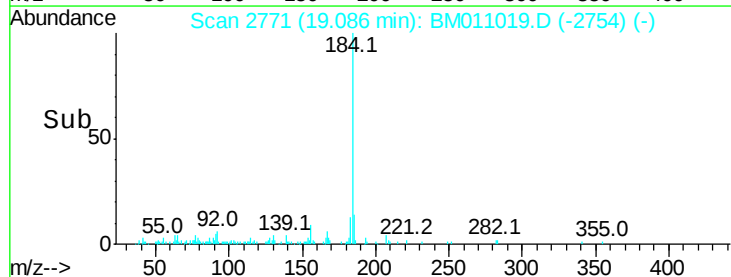
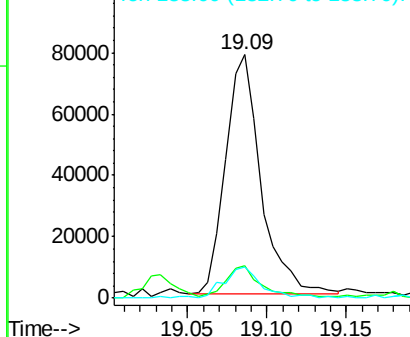
183 13.0 8.9 13.3

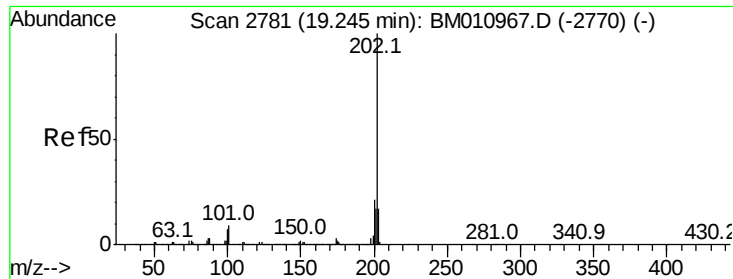


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.845 ng

RT: 19.24 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

Tot Ion:202 Resp: 3822998

Ion Ratio Lower Upper

202 100

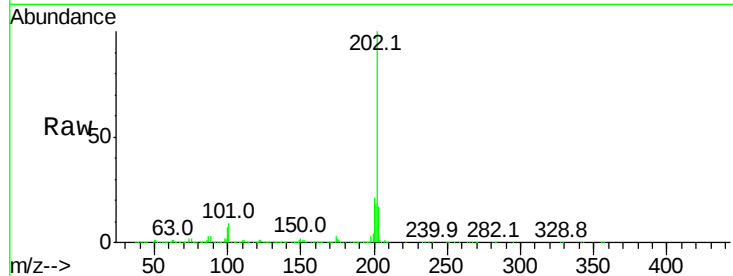
200 21.0 16.9 25.3

203 17.3 14.1 21.1

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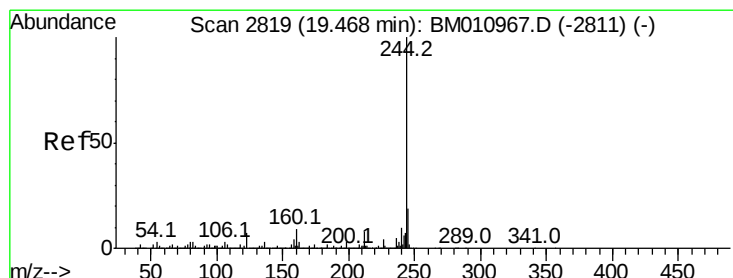
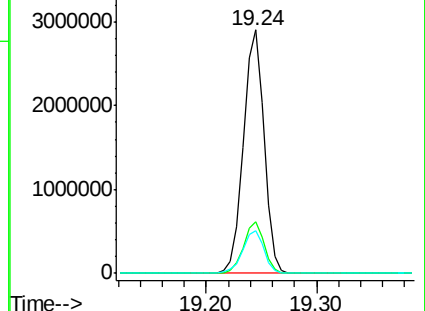
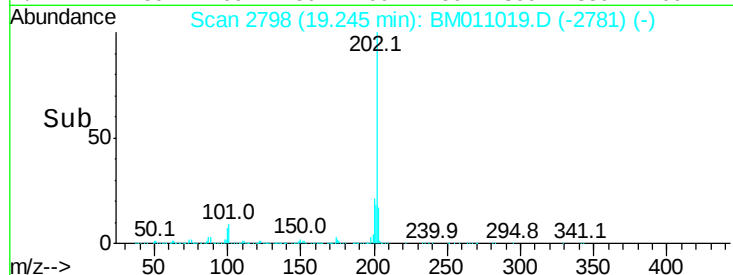
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.752 ng

RT: 19.47 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

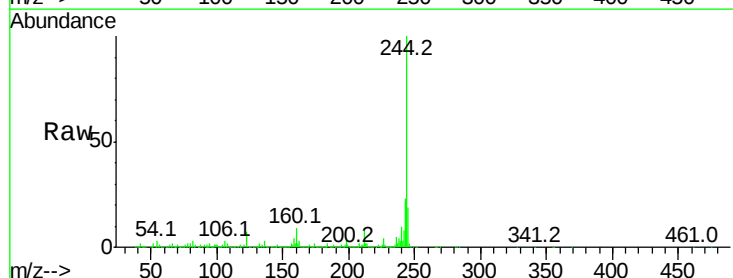
Tgt Ion:244 Resp: 5834058

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

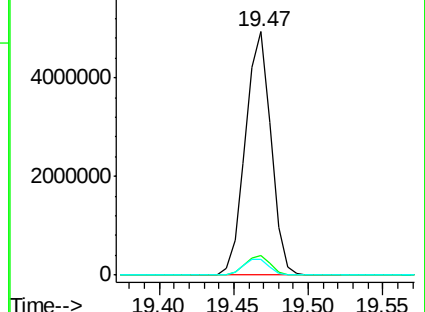
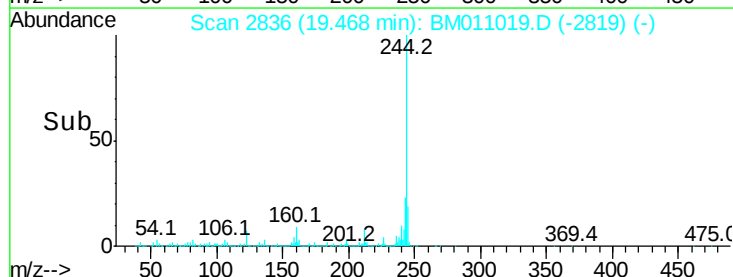
122 6.5 6.2 9.4

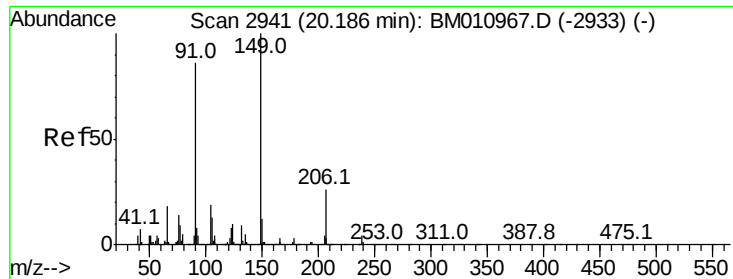


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





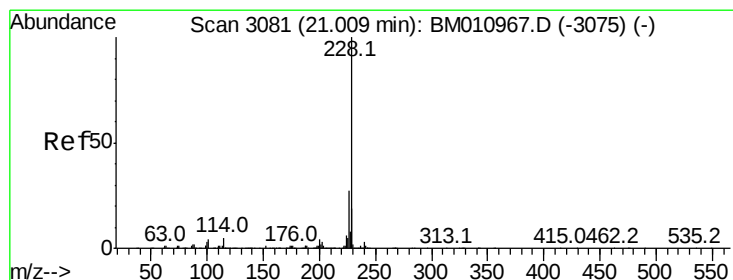
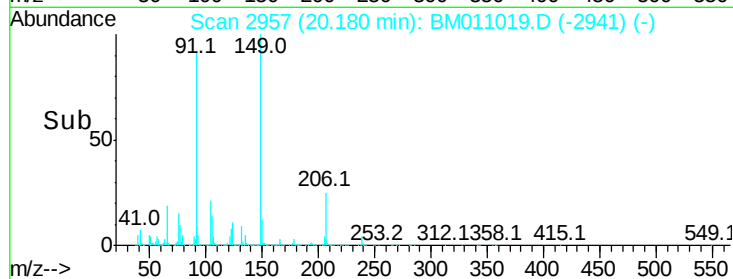
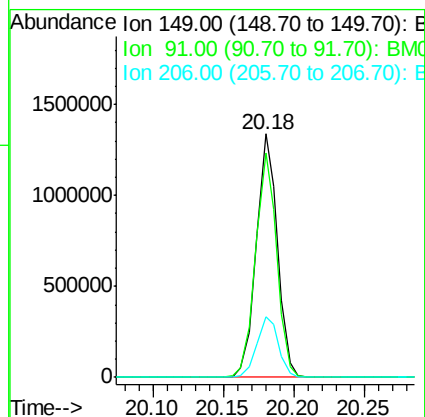
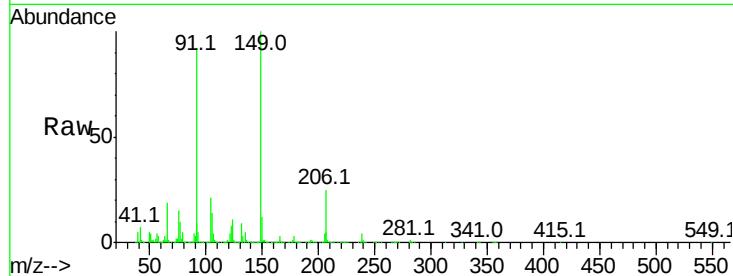
#79
Butylbenzylphthalate
Concen: 45.572 ng
RT: 20.18 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	92.0	50.1	75.1#
206	25.0	16.2	24.2#

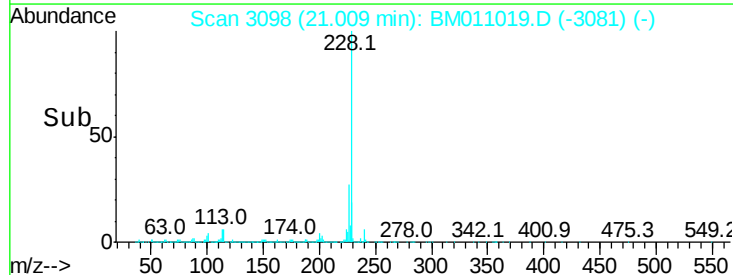
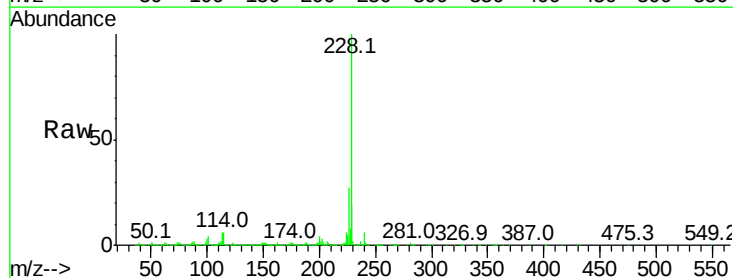
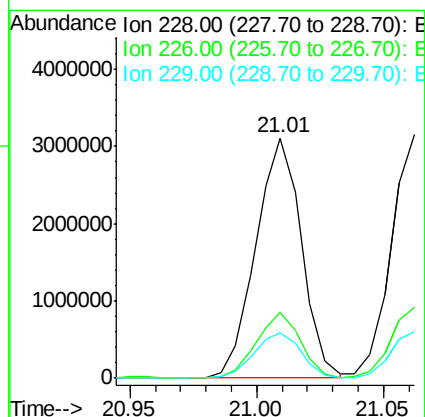
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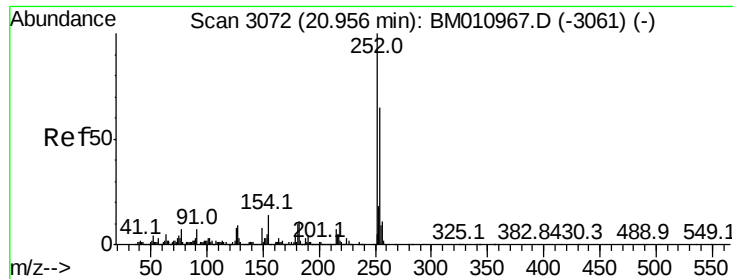
Sohil
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#80
Benzo(a)anthracene
Concen: 46.589 ng
RT: 21.01 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	18.9	16.0	24.0





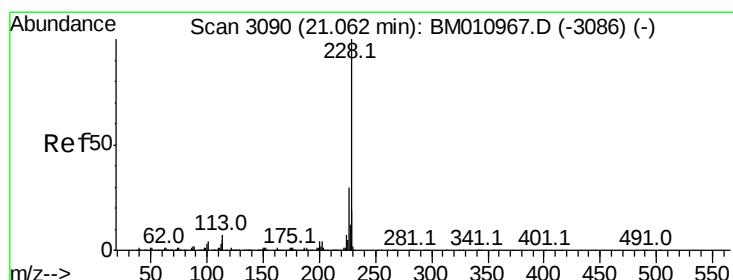
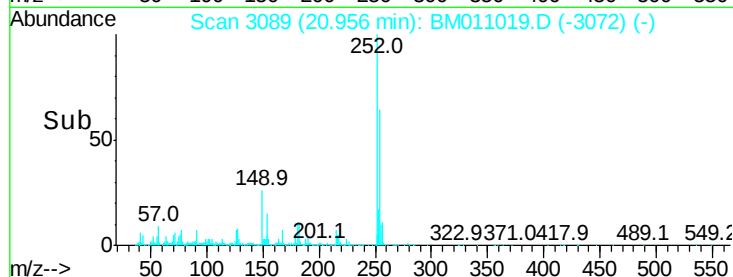
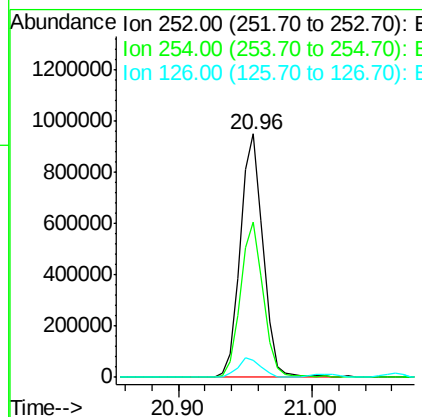
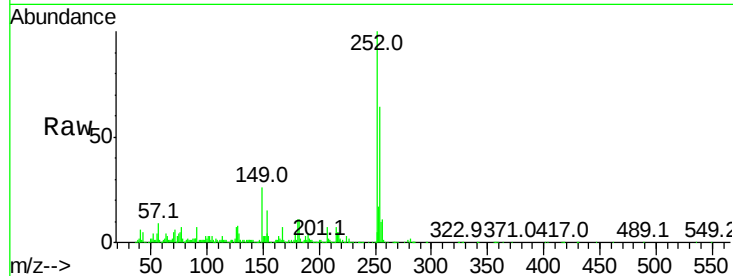
#81
 3,3'-Dichlorobenzidine
 Concen: 34.153 ng
 RT: 20.96 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.9	77.9
126	7.2	9.8	14.8

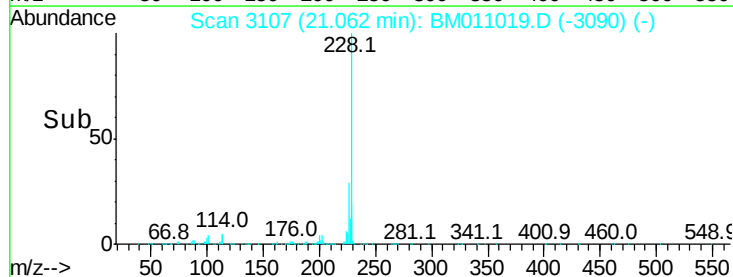
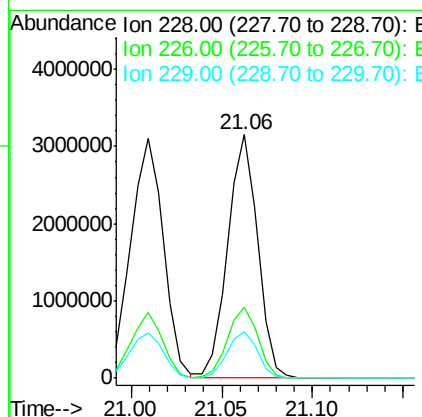
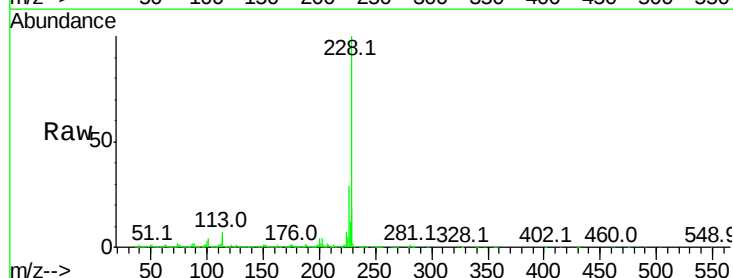
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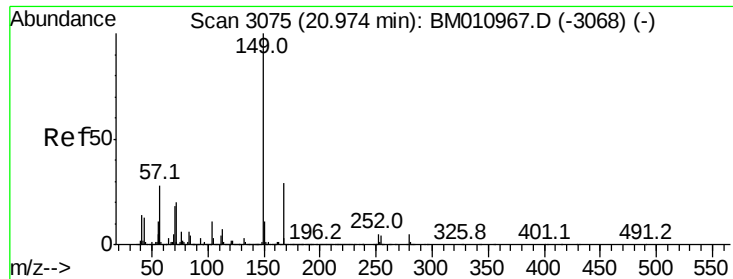
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#82
 Chrysene
 Concen: 45.018 ng
 RT: 21.06 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.1	36.1
229	19.3	15.5	23.3





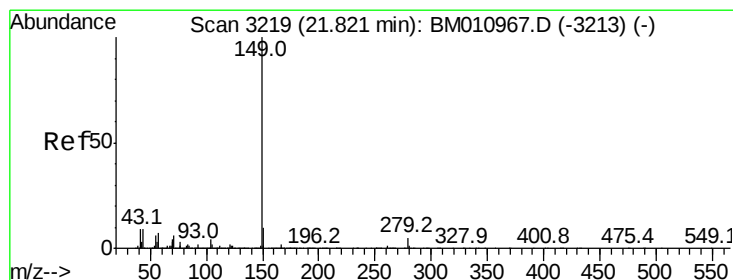
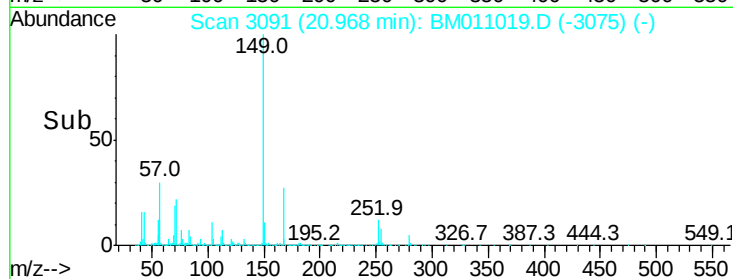
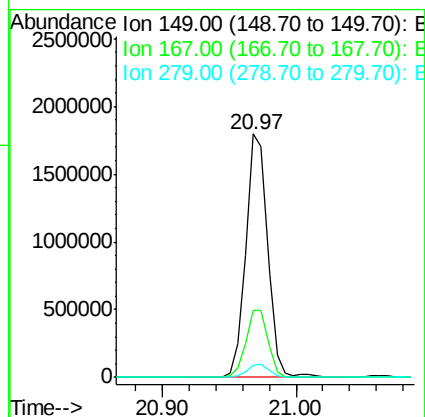
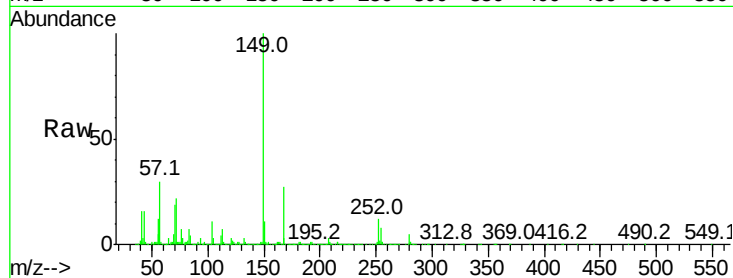
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.074 ng
 RT: 20.97 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Instrument :
 BNA_M
 ClientSampleId :
 MW-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.4	33.6
279	4.9	3.4	5.0

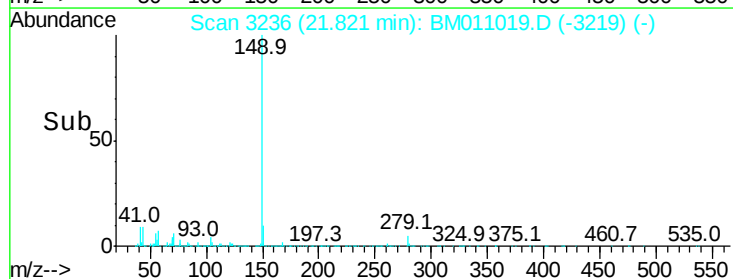
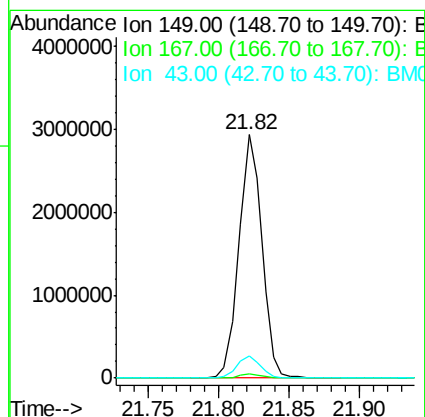
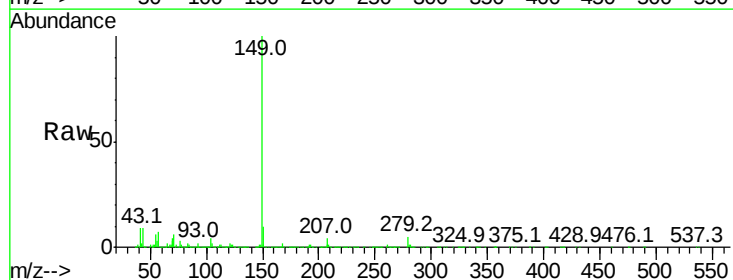
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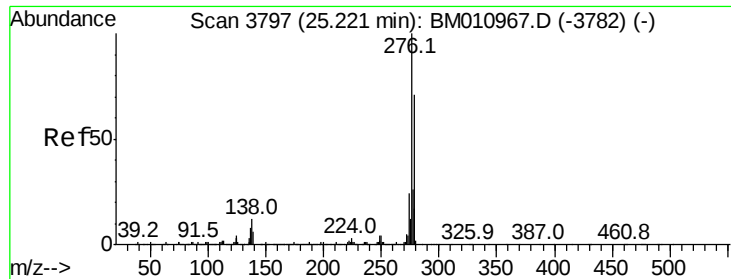
Sohil
 7/28/2017 4:45:01 PM



#84
 Di-n-octyl phthalate
 Concen: 44.716 ng
 RT: 21.82 min Scan# 3236
 Delta R.T. 0.00 min
 Lab File: BM011019.D
 Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.2	7.3	10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.553 ng

RT: 25.22 min Scan# 3814

Delta R.T. 0.00 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

Tot Ion:276 Resp: 4044432

Ion Ratio Lower Upper

276 100

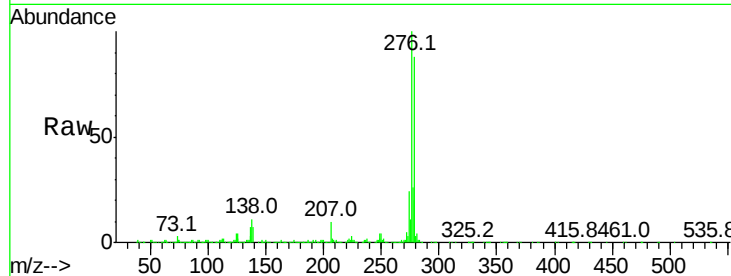
138 12.1 12.0 18.0

277 25.8 20.0 30.0

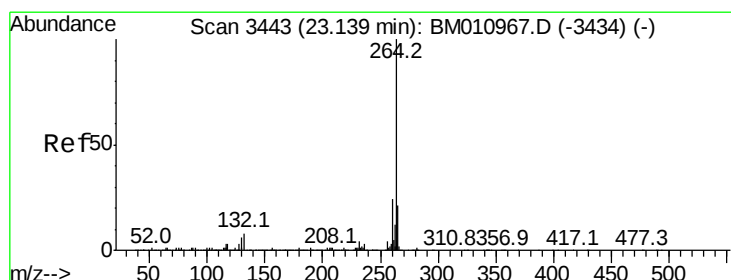
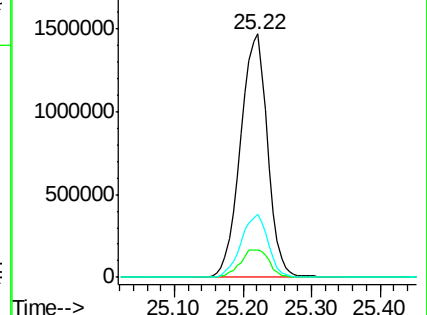
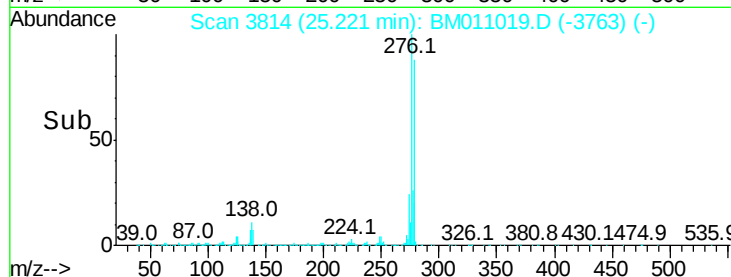
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

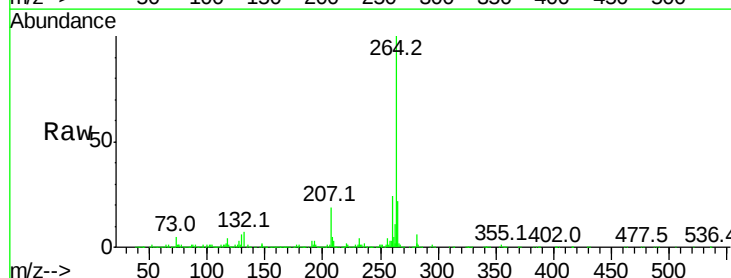
Tgt Ion:264 Resp: 1356248

Ion Ratio Lower Upper

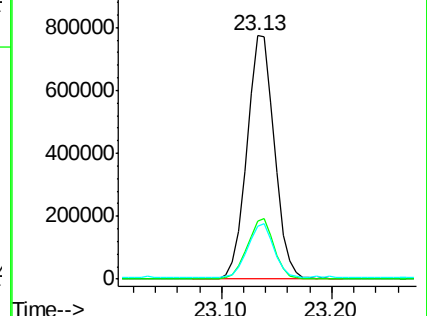
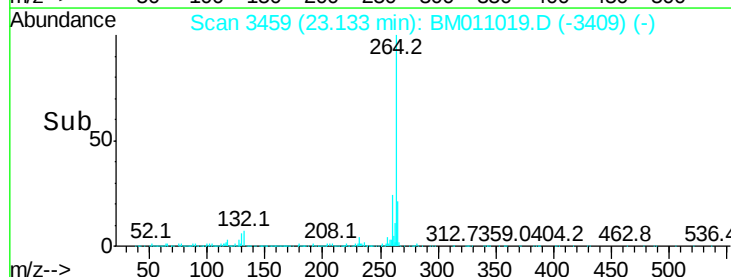
264 100

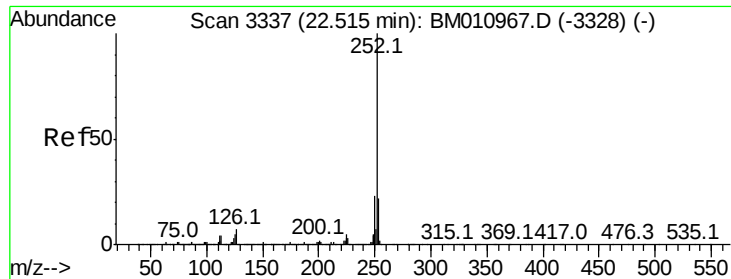
260 23.7 18.6 27.8

265 21.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.082 ng

RT: 22.52 min Scan# 3354

Delta R.T. 0.00 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

Tot Ion:252 Resp: 3837195

Ion Ratio Lower Upper

252 100

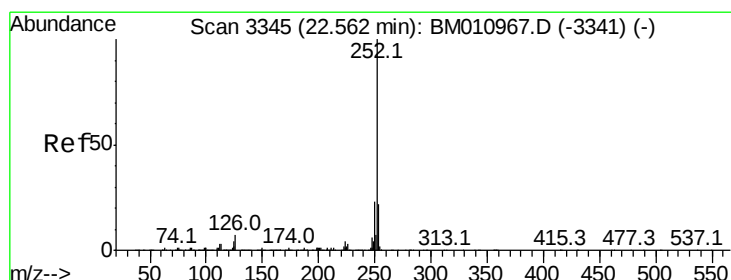
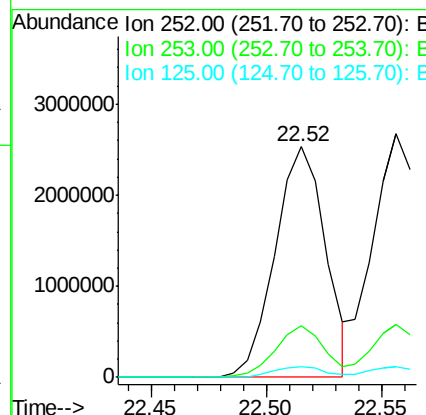
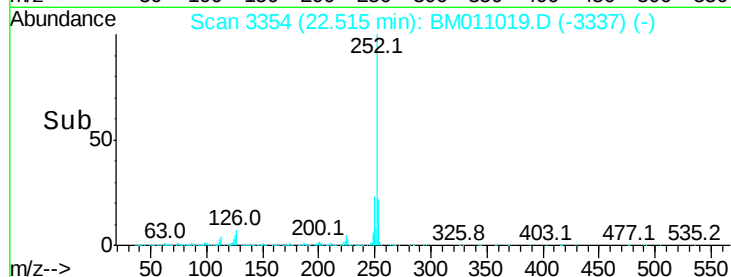
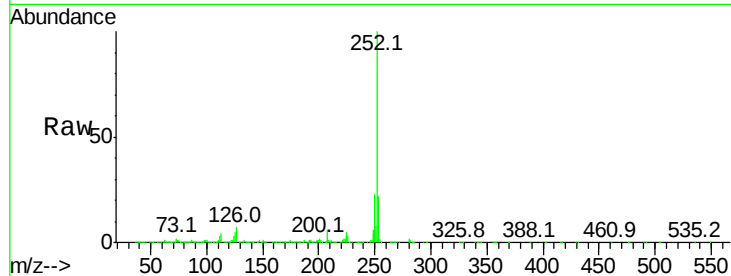
253 22.5 18.0 27.0

125 4.7 9.9 14.9#

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#88

Benzo(k)fluoranthene

Concen: 45.804 ng

RT: 22.56 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

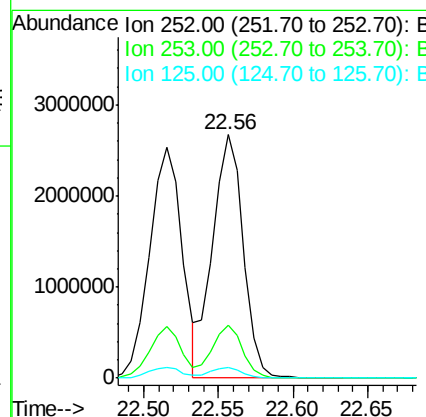
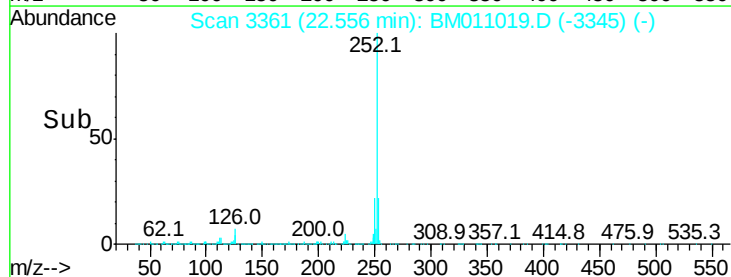
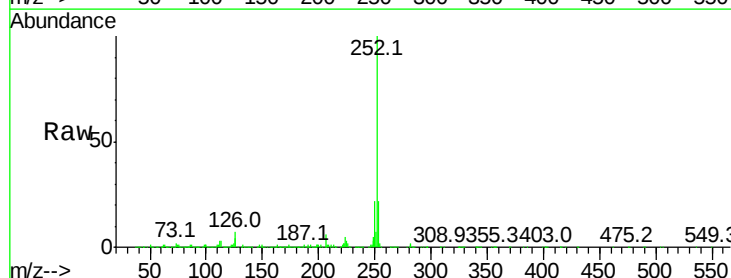
Tgt Ion:252 Resp: 3821418

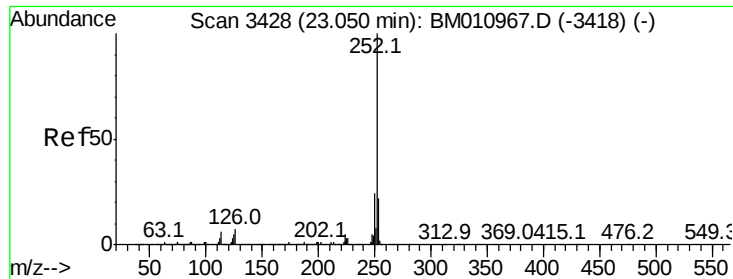
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 4.1 8.1 12.1#





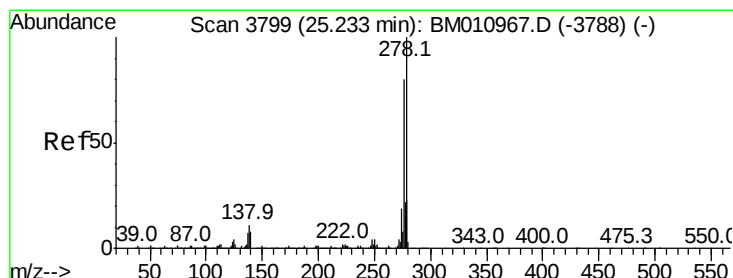
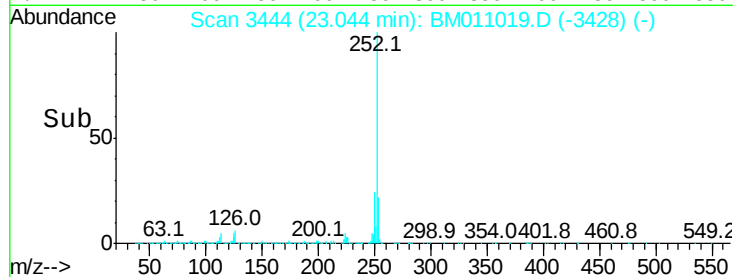
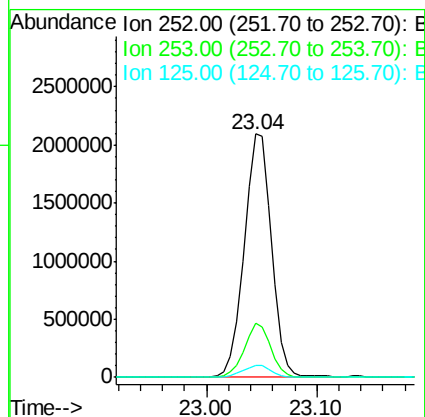
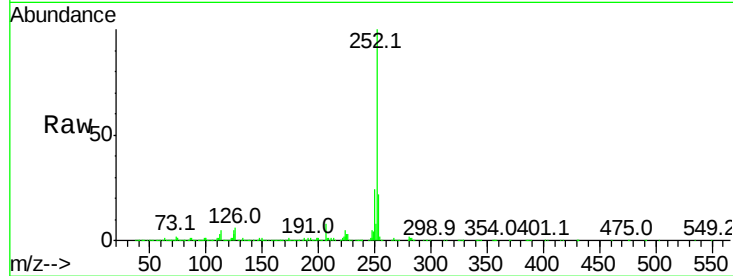
#89
Benzo(a)pyrene
Concen: 46.141 ng
RT: 23.04 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Instrument :
BNA_M
Client Sampled :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	4.9	7.4	11.2

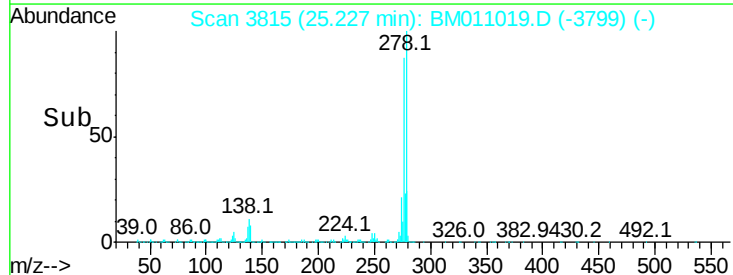
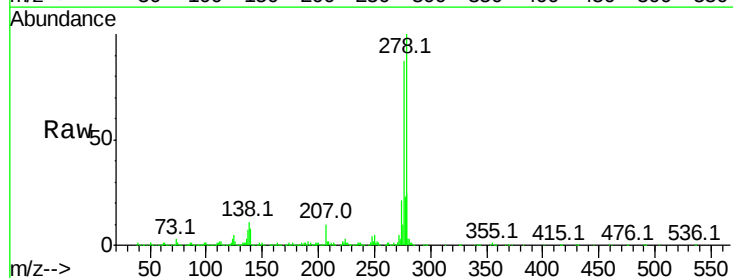
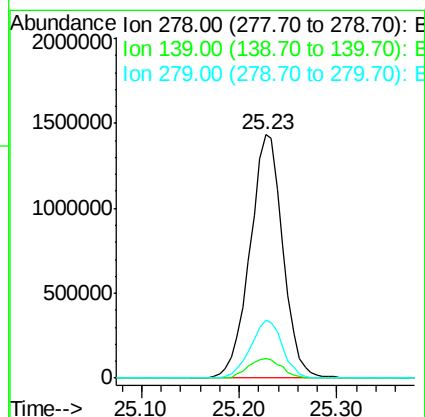
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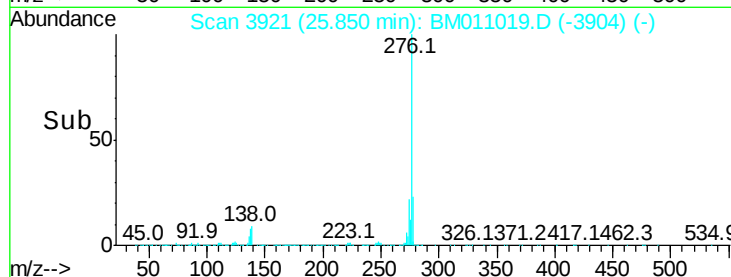
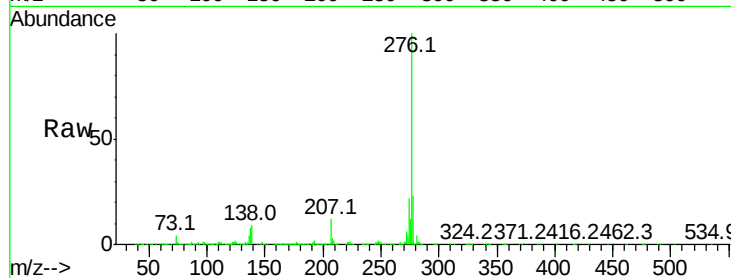
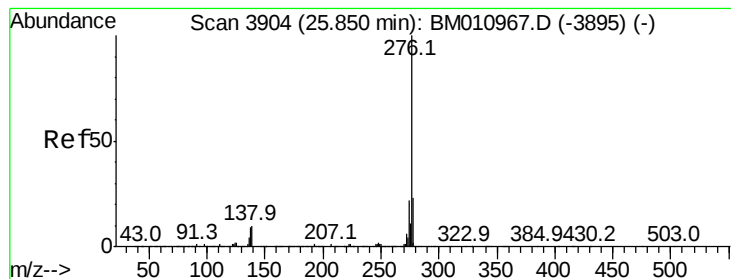
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 46.182 ng
RT: 25.23 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BM011019.D
Acq: 27 Jul 2017 20:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.2	13.4	20.0
279	23.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 46.830 ng

RT: 25.85 min Scan# 3921

Delta R.T. 0.00 min

Lab File: BM011019.D

Acq: 27 Jul 2017 20:12

Tot Ion:	276	Resp:	3357741
Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.5	27.7
138	9.3	19.0	28.6

Instrument :

BNA_M

ClientSampleId :

MW-1MSD

Manual Integrations
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